SERVICE MANUAL

(without price)

ELECTRONIC CASH REGISTER

TE-3000S/4000F/4500F

(EX-466/566/567)

JULY. 2003

TE-3000S

TE-4000F

TE-4500F

CASIO®

Ver.3 : Aug. 2009

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To prevent malfunctions caused by the weak batteries, charge the memory protection batteries for over 12-hours before installation or after a long-time vacation (over 30 days).

- **Before installation, initialize the terminal and leave it turn on over 12-hours.**
- **After a long-time vacation, initialize the terminal and restore the program data if the terminal is in malfunction, and leave it turn on over 12-hours.**
- **Over 48-hours charging makes the batteries fully charged.**

1. SPECIFICATIONS

1-1. Electrical specifications

		120 V	220 V	230 V	240 V
•Power consumption	In operation Max.	0.9 A	0.5 A	0.5 A	0.5 A
	stand-by Max.	0.20 A	0.11 A	0.11 A	0.10 A
•Memory protection	Back-up battery	VL3032/1F2 (Vanadium lithium battery)			
	Back-up period	90 days (25 °C)			
	Battery life	Replace the battery every 5 years.			
	Recharge time	48 hours (full charge)			
•Clock & Calendar	Accuracy	Within ± 30 sec. per month (25 °C)			
	Auto calendar	Effective until 2099 A.D.			

1-2. Environmental specifications

• Operating temperature	0 °C ~ 40 °C
• Operating humidity	10 % ~ 85 %
• Storage temperature	-20 °C ~ 65 °C
• Storage humidity	10 % ~ 85 %
• Vibration strength	1.5 G (The machine must be in the carton box)

1-3. Main components

• CPU	Name	uPD784215AGC8038EU
	Number of control bit	16 bit
• RAM	Name	M5M5408BFP-70H
	Capacity	512 Kbytes
• Flash ROM	Name	MBM29F160BE90TN
	Capacity	2 Mbytes
• I/O controller	Name	uPD784215AGC8028EU
• ARCNET controller	Name	COM20019ILJP
• LCD unit (3 Line LCD)	Name	MDG12DC38-FJ
• Themal printer	Name	M-T203A-001(receipt) M-T203-001(journal)
	Print method	Impression heat line dot
	Head specification	Total dot number : 432 dots/dot line Dot pitch : Length 8 dots/mm Wide 8 dots/mm
	Paper cut	Auto-paper cut
	Paper supply method	Drop-in paper loading
• Roll paper	Type	Heat-sensitive paper
	Size	57.5±0.5mm
	Roll diam	ϕ 83 or less
	Thickness	75±3µm

1-4. Duration of Life

• Printer head	50 Km (anti-abrasion)
• Printer mecanical	6,000,000 hours
• Printer cutter	600,000 hours
• LCD	20,000 hours
• Backlight	20,000 hours

1-5. Drawer List

Type	Drawer Name		Specification	TE-3000S/TE-4000F					TE-4500F	
				B	D	G	C	BU	D	C
M		DL-2783	D-19BC-B84M-9*	X				X		
M		DL-2784	D-19BC-B84SM-9*		X	X			X	
M		DL-2424	D-19BC-B55SM-9*				X			X
M		DL-2524	D-19BC-B64SM-9*				X			X
M		DL-2785	D-20BC-B84M-15*	X				X		
M		DL-2786	D-20BC-B84SM-15*		X	X			X	
M		DL-2920	D-20BC-B87M-15*	X						
M		DL-2921	D-20BC-B87SM-15*		X	X			X	
M		DL-2425	D-20BC-B55SM-15*				X			X
M		DL-2525	D-20BC-B64SM-15*				X			X
L		DL-3616	D-11BH-B65SS-9*				X			X
L		DL-3617	D-11BH-B65S-9*					X		

Note:Country code
B: Europe
D: England
G: Germany
C: U.S.A./Canada
BU: Other countries

1-6. Option List

DEVICE NAME	MODEL	NOTE	Applicable
• Clerk key kit	CLK-K22	Dallas button for six people + a probe	Common
• Multi drawer kit	MDL-11	Number of additional units = 3	Common
• PC cable	PRL-CB-2	Com1 port only	Common
• Waterproof cover	WT-77		TE-3000S only
• Waterproof cover	WT-78/79	WT-78: for stroke / WT-79 : for touch	TE-4000F only
• Waterproof cover	WT-62		TE-4500F only
• Slip printer	SP-1300	Connect to Com2, 3 or 4 Note : The SP-1300 can be connected one unit only.	Common
• Slip printer cable	PRT-CB-8C	Length 1.5m	Common
• Remote printer	UP-250	Connect to Com2, 3 or 4	Common
• Remote printer	UP-350	Connect to Com2, 3 or 4	Common
• Printer cable	PRT-CB-8A	Length 3m	Common
• Printer cable	PRT-CB-8B	Length 5m	Common
• Slip printer/ AC adaptor	31AD-U or E	U: 100V/ E: 200V	Common
• Power unit for External Printer	PS-180	EPSON MODEL	Common
• Power cord for power unit	AC-170	EPSON MODEL	Common
• Handy scnner	HHS-15	Com2 port only	Common
• Handy scnner	HS1250	Com2 port only	Common
• Laser scanner	Quic Scan 6000	Com2 port only	Common
• CF Memory Card	SDCFB-xx-505		Common
• Modem	56k External Faxmodem “US Robotics”		Common
• Modem	56k External Voice Faxmodem “US Robotics”		Common
• Sacle	MODEL6710		Common
• RAM Chip	RK-3	Capacity 1 Mbytes	Common
• IN LINE kit	I/O-PB-17	ArcNet Board	Common
• Conversion Kit	CVK-S3-M/CVK-L3-M		TE-4000S/ TE-4500F
• Power Board	SUPER BOARD II		Common
• Sheet Holder Kit	SH-KIT5		TE-4000S only
• Roll paper	P-5880T		Common

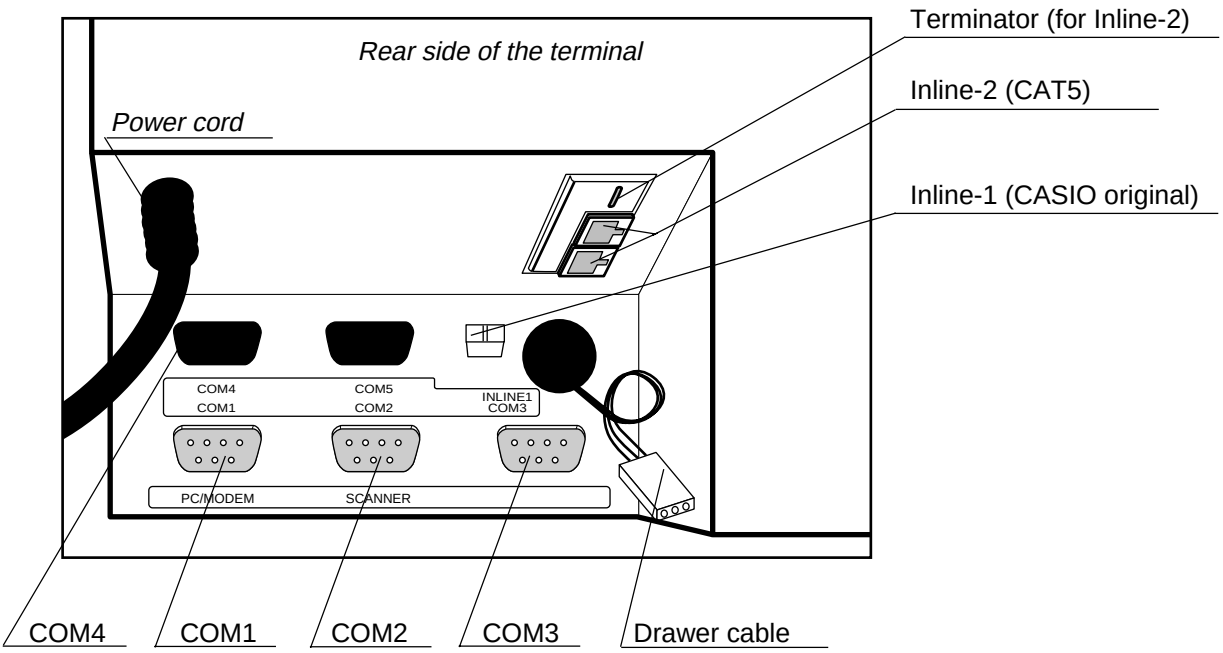
CAUTION
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacture’s instructions.

VORSICHT !
Explosionsgefahr bei unsachgemäßem Austausch der Batterie.
Ersatz nur durch denselben oder einen vom Hersteller empfohlenen gleichwertigen Typ.
Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

ADVARSEL !
Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandØren.

2. CONNECTOR LOCATIONS

Inline connector, COM port, and drawer cable are located in the backside connector cover.

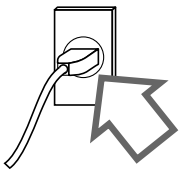


3. MACHINE INTIALIZATION

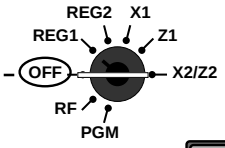
Machine initialization procedure

Note: If your register has the clerk lock, be sure to pull out the clerk key.

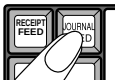
1. Plug the power cord into an AC outlet.

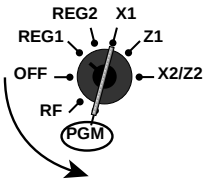


2. Set the mode switch to OFF position.



3. While holding down JOURNAL FEED, set the mode switch to PGM.





4. Release JOURNAL FEED.
   You should see “0000000000” on the display.
   If 10 zeros are not shown or another character are shown, immediately set the mode switch to OFF and restart from the beginning of this procedure.

5. Enter 11-digit program code from the worksheet.
6. Press SUB TOTAL to register the program code.
   (Wait until beep twice.)

$D_{11}D_{10}D_9D_8 \sim D_3D_2D_1$ SUB TOTAL
(refer to Initialize 1)

7. In case of installing inline system,
   enter 3-digit program code from the worksheet.
   (For TK-6000/6500 without inline option, do NOT enter any value.)
8. Press SUB TOTAL to register the program code.

$D_3D_2D_1$ SUB TOTAL
(refer to Initialize 2)

After completion of initialization and program loading, initialization receipt is issued.

Please turn on and initialize the register in order, if your registers are connected with inline.
The ID number of registers are defined automatically.
(Do NOT turn off the register(s) until all register has been initialized.)

Worksheet (Initialize 1)

Description		Choice	Program code
Print password of PGM mode, when flag clear operation is performed.		Yes = 0 No = 4	□ D_{11}
Password in PGM3 ~ 7 mode		Significant numbers	□ □ □ □ D_{10} D_9 D_8 D_7
Messages and descriptors are written in English = 0, French = 1, Spanish = 2, German = 4		Significant number	□ D_6
Model for U.S. or Canada (Date order: month/day/year) = 2, German (Date order: day/month/year) = 4, Other area (0.00, Date order: day/month/year) = 1, Other area (0, Date order: day/month/year) = 3		Significant number	□ D_5
Fixed value: TE-3000S: 15, 20, 30 (dependent upon number of department keys) TE-7000F, TE-7500F: 08		Significant numbers	□ □ D_4 D_3
Use ① clerk switch (clerk push switch)/ ② clerk lock/key or clerk secret number key *	a	① = 0 ② = 1	□ (a+b) D_2
Initialization pattern: ① For scanning/② For check tracking	b	① = 0 ② = 2	
Use Euro only.		No = 0 Yes = 1	□ D_1

* When you select this option “Use clerk secret code key”, and your register doesn’t have this key on the default keyboard, be sure to allocate <CLERK-#> (clerk secret number key) just after the initialization.
(Do NOT turn to OFF before allocating this key.)

Worksheet (Initialize 2)

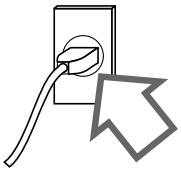
Description	Choice	Program code
Inline baud rate	156kbps = 0 312kbps = 1	□ D_3
Inline physical I.D. (01 ~ 32)	Significant numbers	□ □ D_2 D_1

Note:
Please check the receipt after initialization operation (machine initialization, flag clear operation and init2) that the machine number is printed properly.
If error codes are printed on it, check the hardware and retry the operation.
(For the register without I/O-PB-17, the error “**0004-98 2000**” is always printed.)

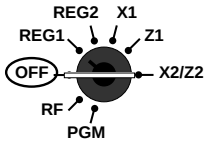
```
INIT  03-04-2004(THU)   11:58      ← Mode symbol/date/time
                MC#01       000001 ← Clerk descriptor/Mc-No./consecutive No.

    INIT                           ← INIT symbol
      (C) 2003 by CASIO
       COMPUTER CO.,LTD.           ← Copyright
       All rights reserved.

TE-3000S/4000F/4500F STD           ← Model name

VER.     :nnnn                     ← ROM version
LABEL    :nnnnnn                   ← ROM label

VER.     :nnnn                 00  ← ROM version
LABEL    :nnnnnn                   ← ROM label
INIT.    :nnnnnnnnnnnnnn           ← Initialization code
0004-98                    2000    ← I/O parameter table record No./error code
                :
```

Flag clear operation

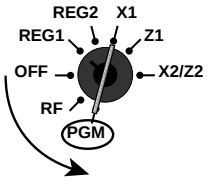
1. Plug the power cord into an AC outlet.



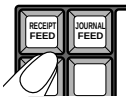
2. Set the mode switch to OFF position.



3. While holding down RECEIPT FEED, set the mode switch to PGM.



4. Release RECEIPT FEED.
   You should see “FFFFFFFFFF” on the display.
   If 10 Fs are not shown or another character are shown, immediately set the mode switch to OFF and restart from the beginning of this procedure.



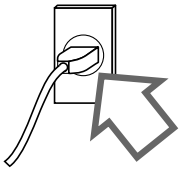
5. Press SUB TOTAL to complete.

After completion of flag clear, receipt is issued.

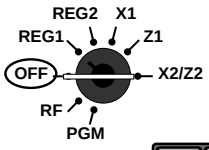
Note: After flag clear, clerk 1 is assigned automatically. So do not program clerk 1 as not assignable or not operable in PGM mode.

Init 2 operation

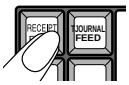
1. Plug the power cord into an AC outlet.

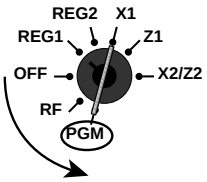


2. Set the mode switch to OFF position.

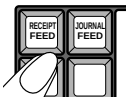


3. While holding down RECEIPT FEED, set the mode switch to PGM.





4. Release RECEIPT FEED.
   You should see “FFFFFFFFFF” on the display.
   If 10 Fs are not shown or another character are shown, immediately set the mode switch to OFF and restart from the beginning of this procedure.



5. Enter “8888888888” and press CHK/TEND to complete.

After completion, receipt is issued.

4. DISASSEMBLY

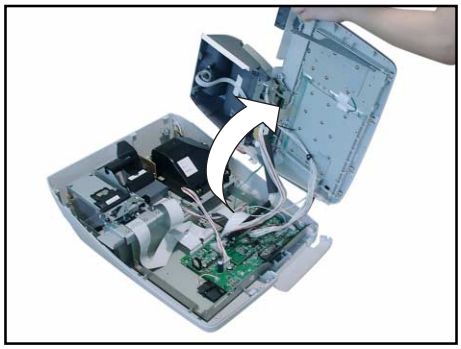
■ UPPER COVER

1. Remove the key sheet. (TE-4000F only)

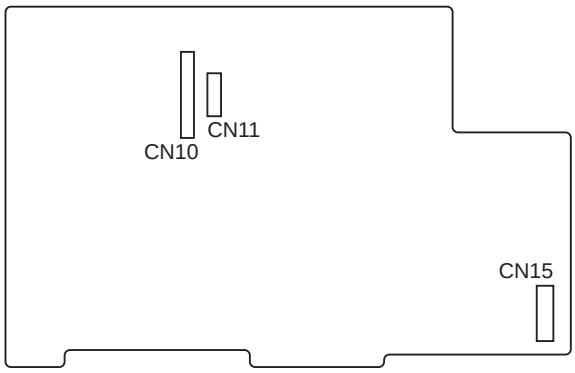
2. Remove the printer cover.

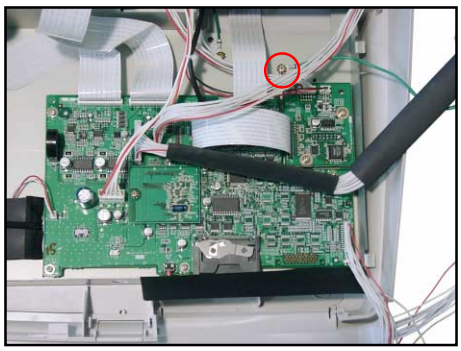
3. Remove the three screws.

Remove the upper case by sliding it forward.



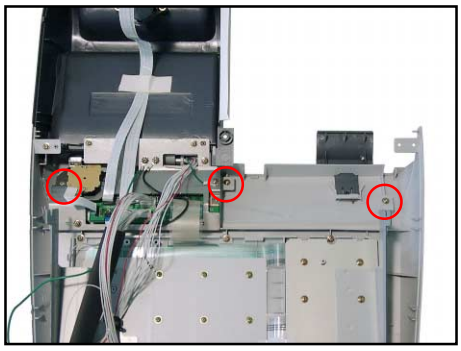
4. Remove three connectors. (CN10, CN11, CN15)
   Remove the screws and the earth cable.





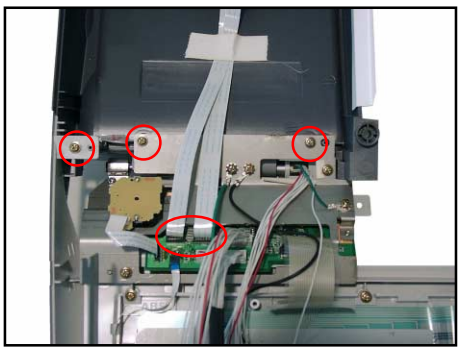
■ LCD ASS'Y

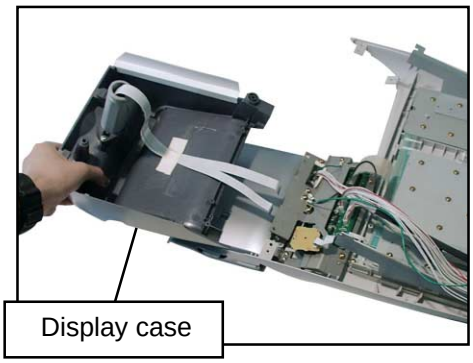
1. Remove the three screws.
   Remove the mode key cover.



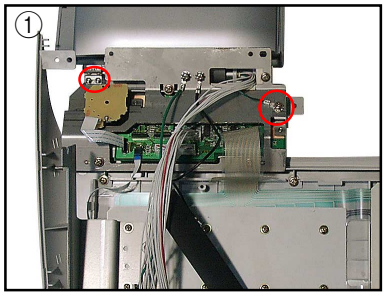
2. Remove the hinge cover.

3. Remove the three screws and two FPCs.
   Remove the display case.



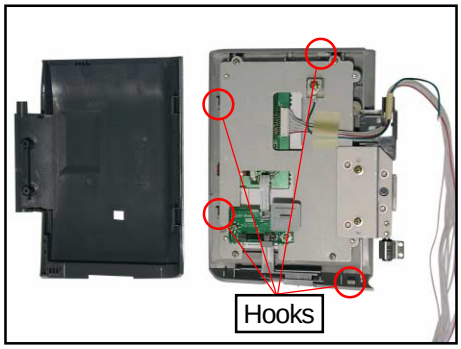


4.① Remove the screw and the earth cable.
Remove the two screws.
② Remove the LCD ass'y.

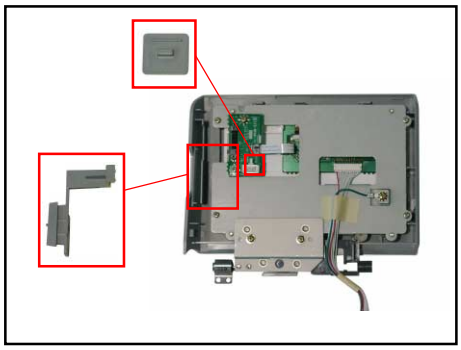


5.Remove the two screws.

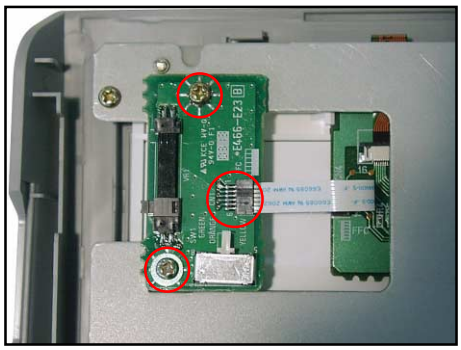
6.Remove LCD rear case.
NOTE: Be careful of the hooks when removing the LCD rear case.



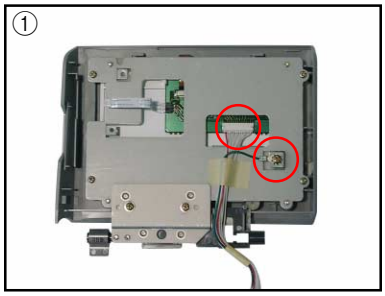
7.Remove the slide knob.

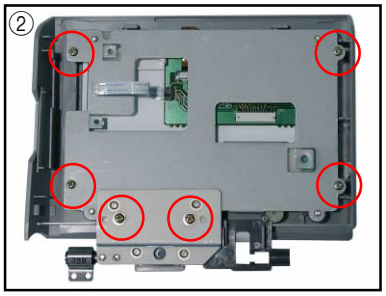


8.Remove two screws and one FPC, and then separate E466-E PCB.

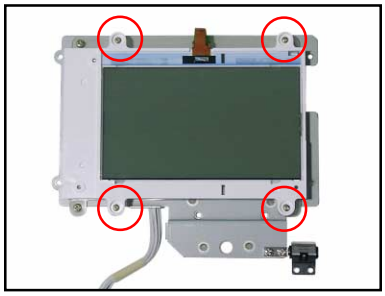


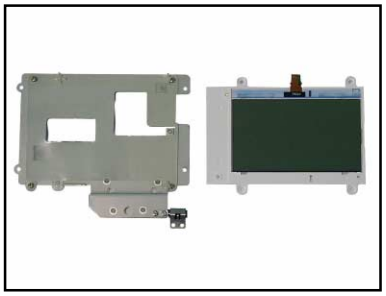
9. ① Remove one screw and one connector.
② Remove six screws, and then take out the LCD unit (with chassis) from the display case.





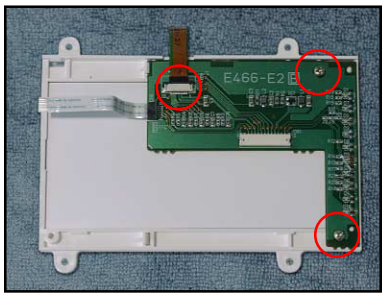
10. Remove four screws.

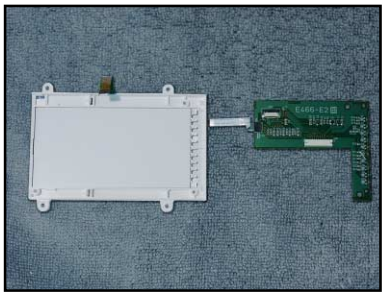




11. Turn over the LCD unit, and then remove E466-E2 PCB (two screws and a connector) fixed on the back.

NOTE: Place a towel etc. under the LCD unit so that the LCD surface will not be damaged.

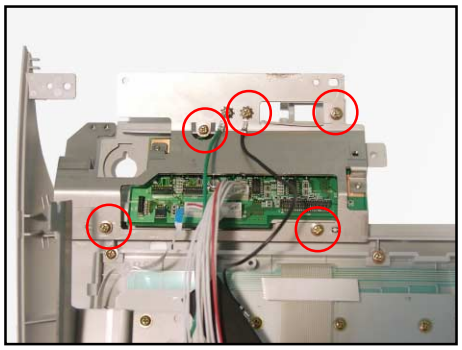




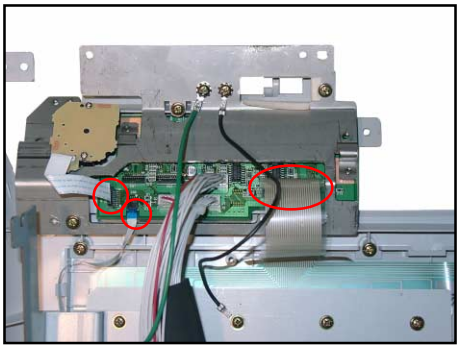
■ MODE KEY

1. Remove the two screws.
Remove the Mode key.

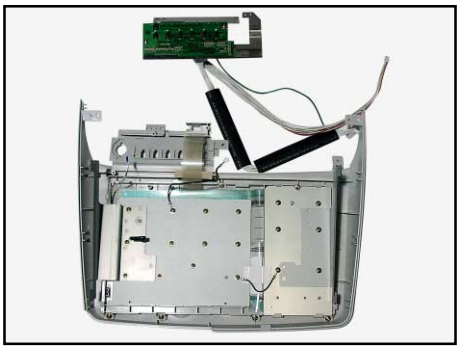
2. Remove the five screws.



3. Remove two connectors and one FPC.

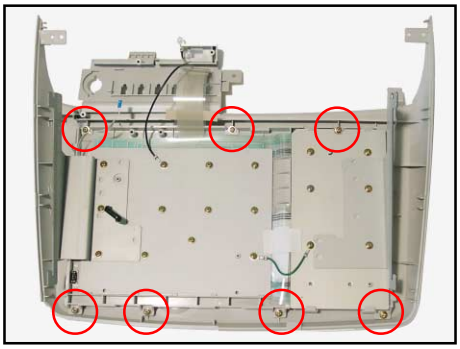


4. Remove the PCB ass'y (E468-E6).

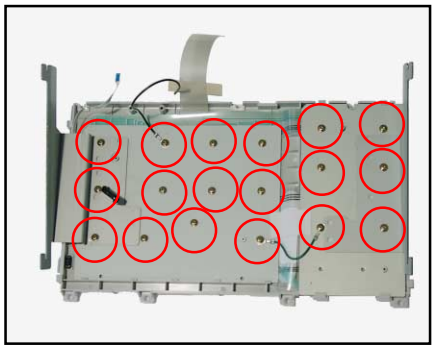


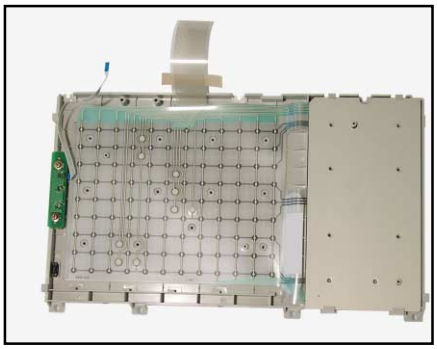
■ KEY BOARD ASS'Y

1. Remove the seven screws and key board ass'y.

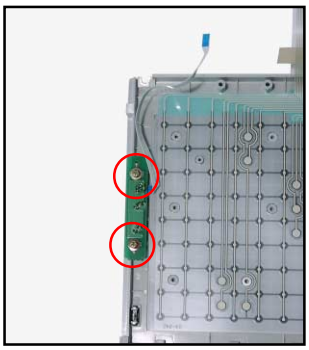


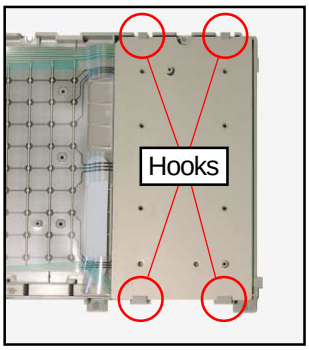
Remove the eighteen screws.



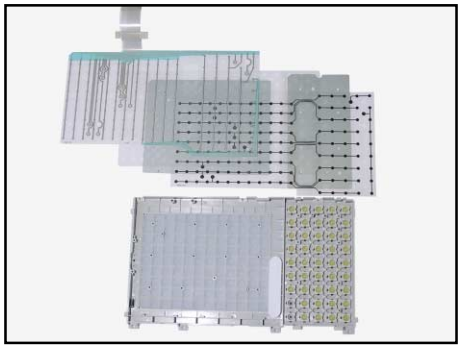


2. Remove the two screws.
   Remove the PCB ass'y (E566-E42).
   (TE-4000F only)
   NOTE: Pay attention to the hooks when removing the chassis.



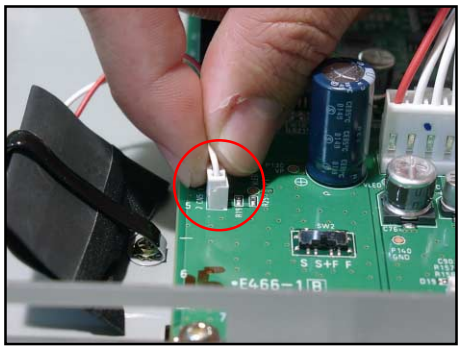


Remove the FPC (E), spacer (E), and sheet.

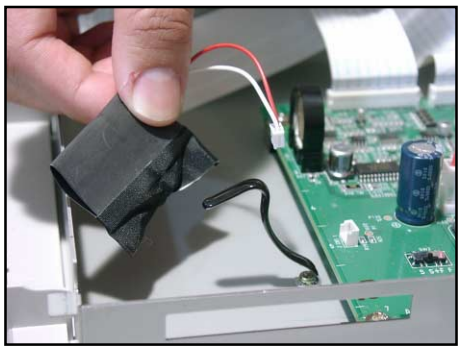


■ BATTERY

1. Remove the connector (CN5).

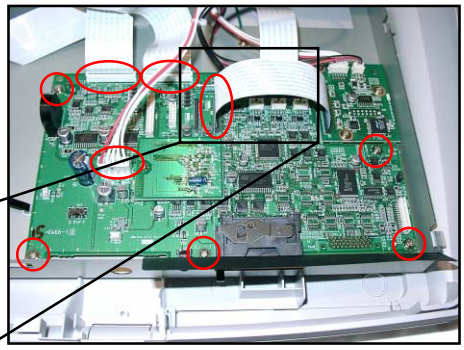


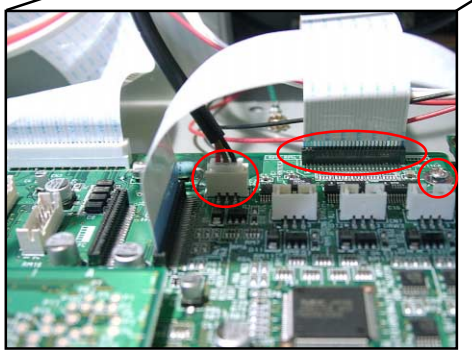
2. Remove the lithium battery.



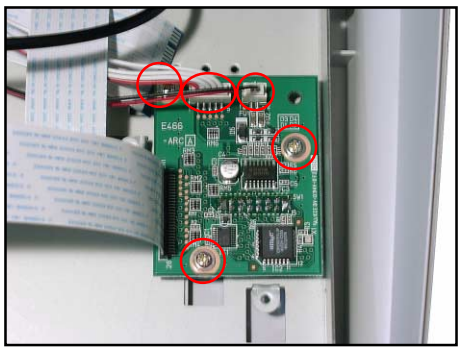
■ MAIN PCB ASS'Y

1. Remove the six screws, two connectors (CN13, CN4) and four FPCs (CN2, CN3, CN9, CN1).
   Remove the PCB ass'y (E468-1).



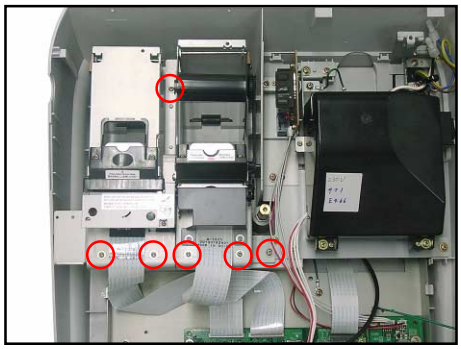


2. Remove the three screws and two connectors (CN2, CN3).
   Remove the PCB ass'y (E466-ARC: Option).

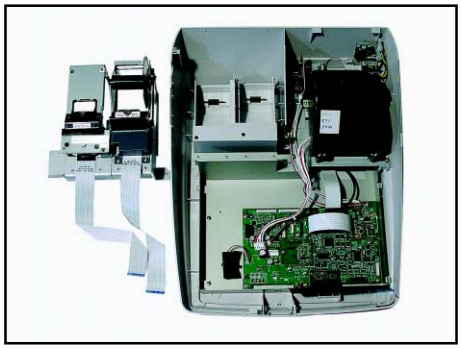


■ PRINTER

1. Remove the six screws.

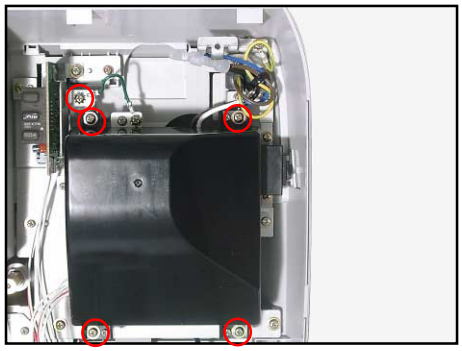


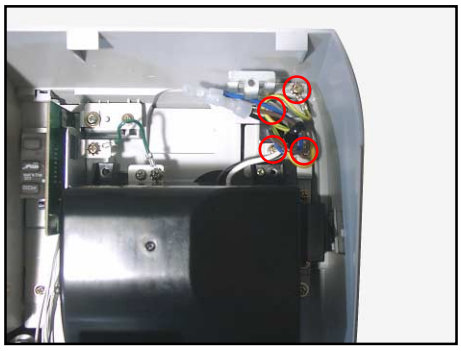
Remove the printer block.



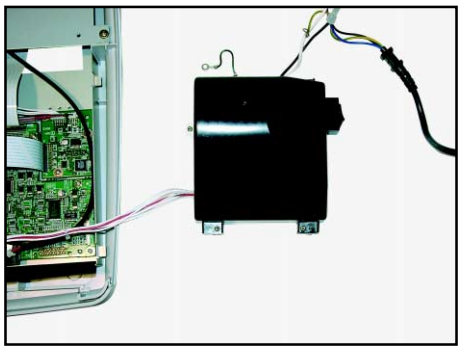
■ POWER SUPPLY

1.① Remove the five screws.
② Remove the four screws.



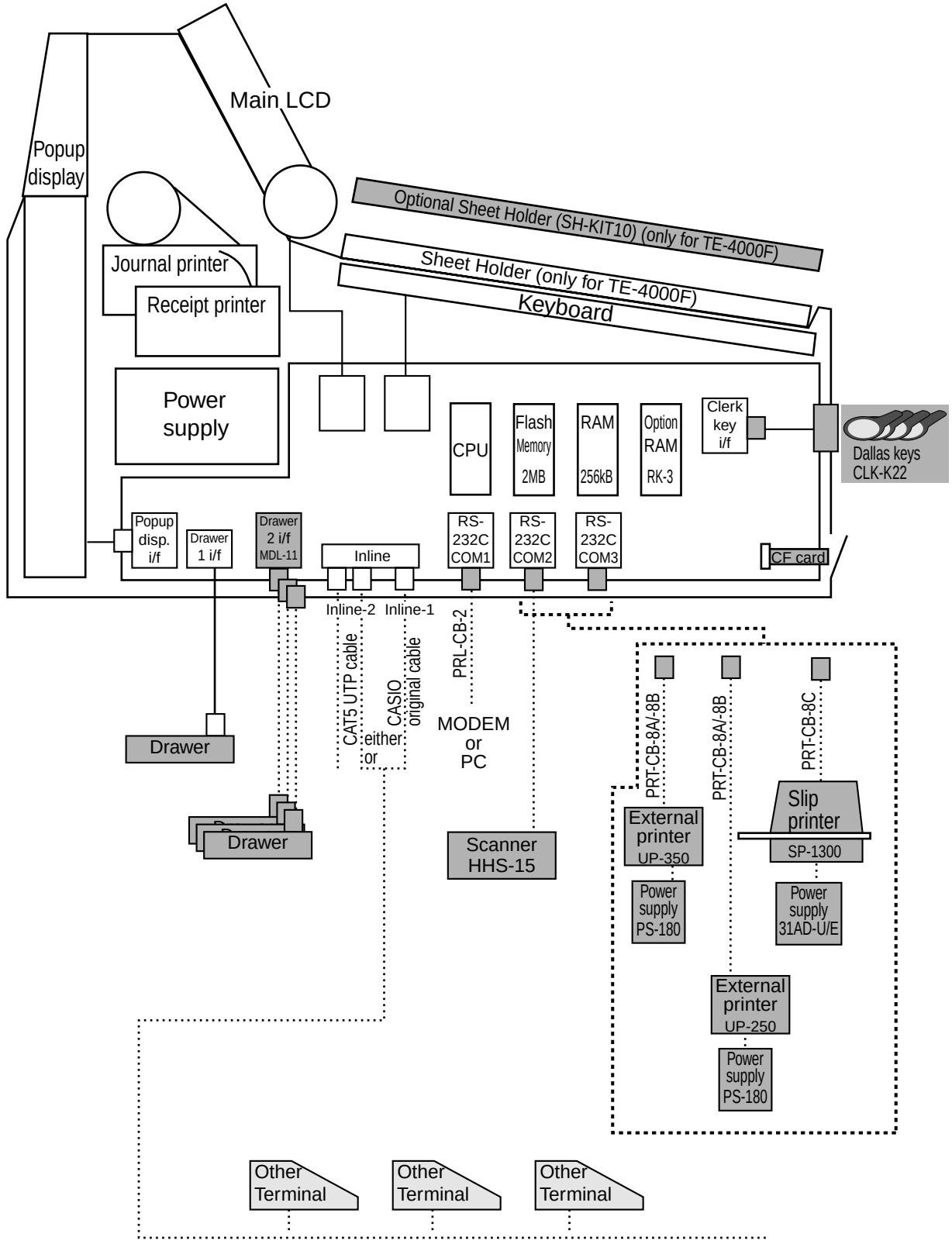


Remove the power supply.



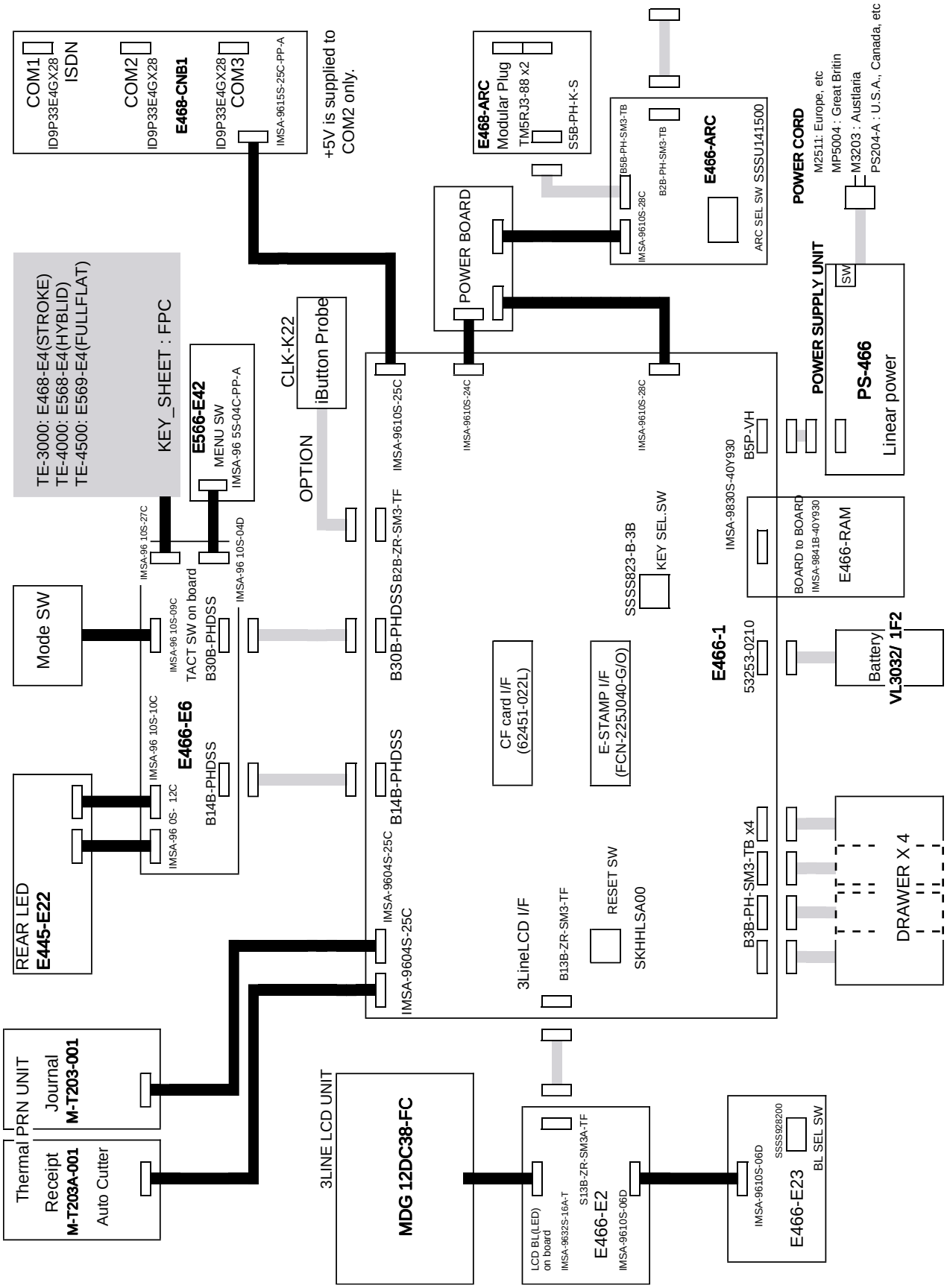
5. CIRCUIT EXPLANATION

5-1. HARDWARE DIAGRAM

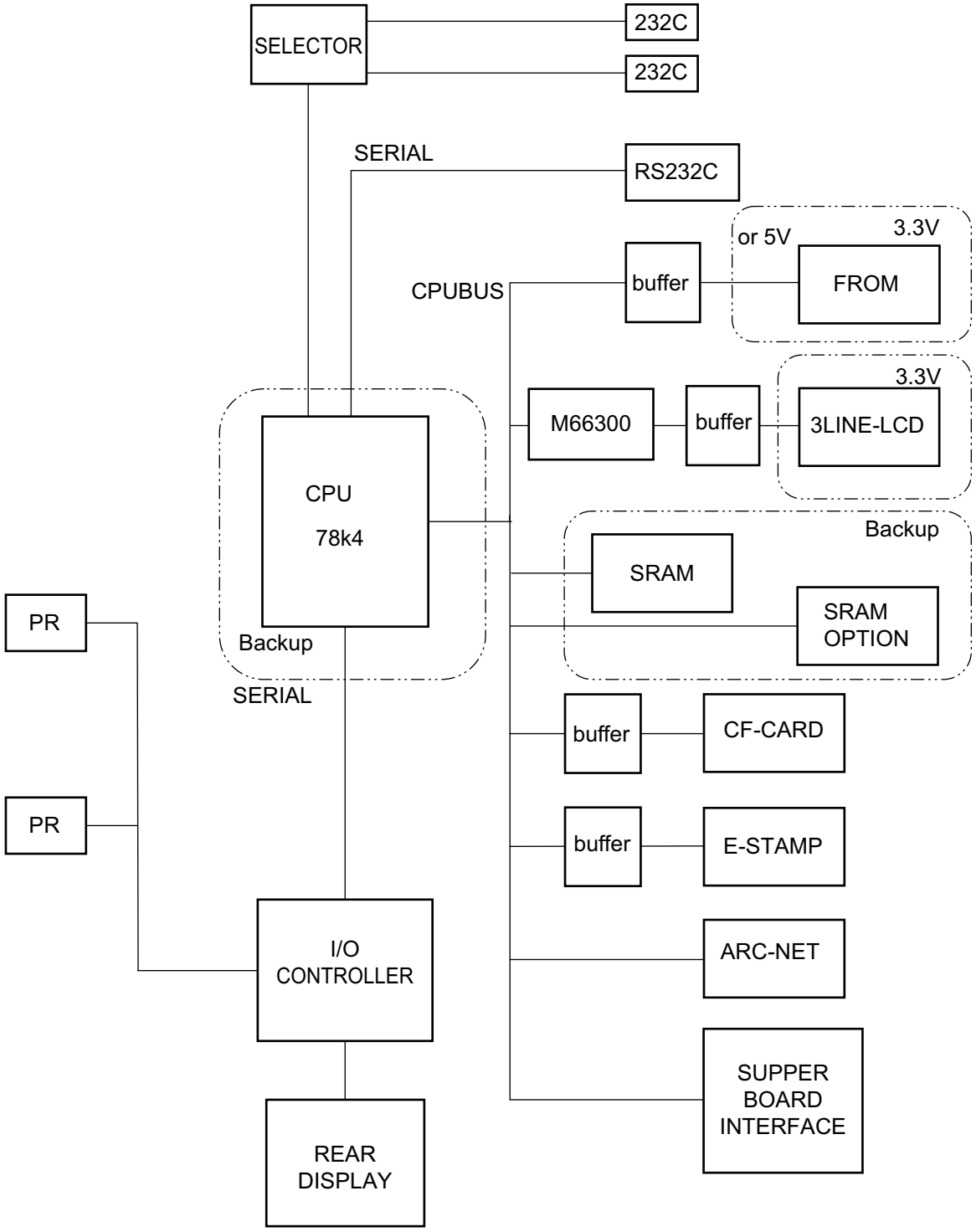


Note: Shadowed device and dot line indicate option devices.

5-2. BLOCK DIAGRAM



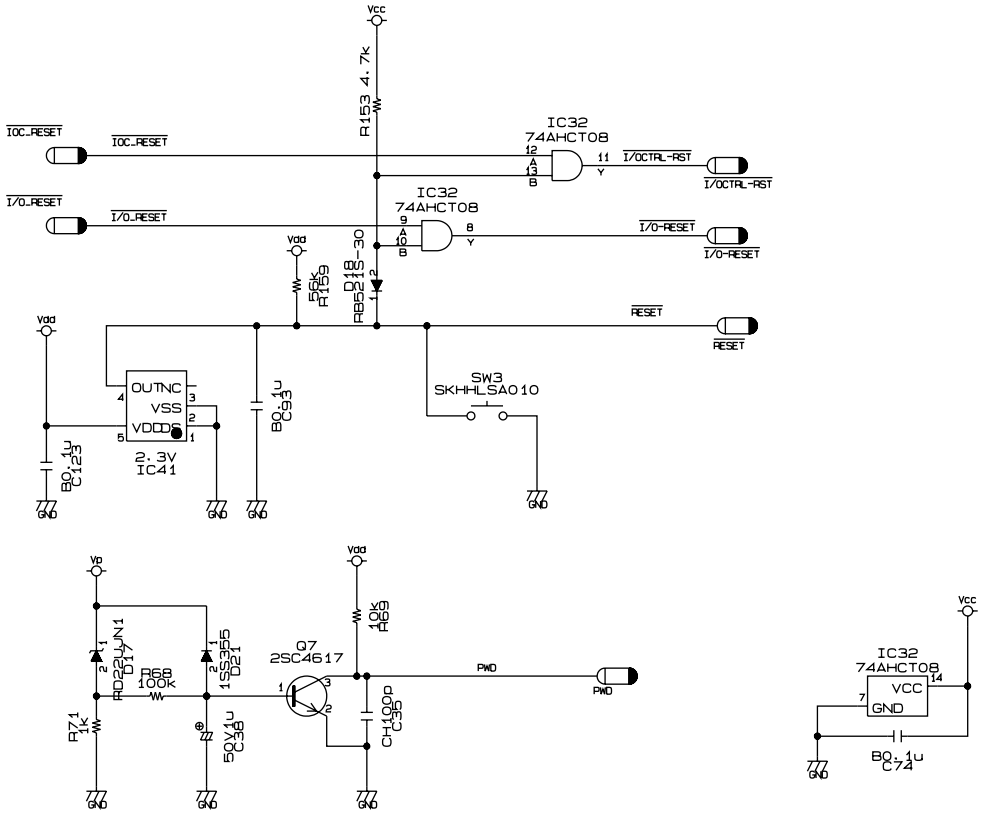
5-3. LSI BLOCK DIAGRAM



NOTE: 5.0 V unless otherwise specified

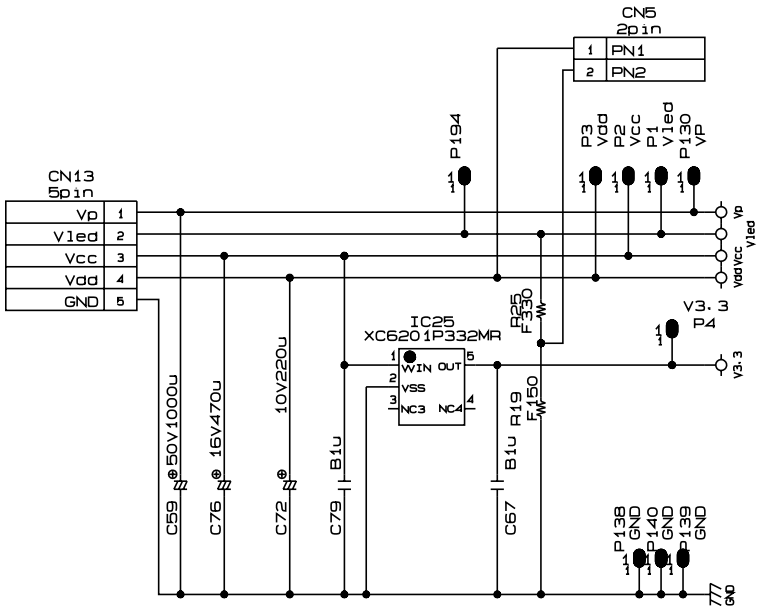
5-4. RESET CIRCUIT

The reset circuit is as follows.



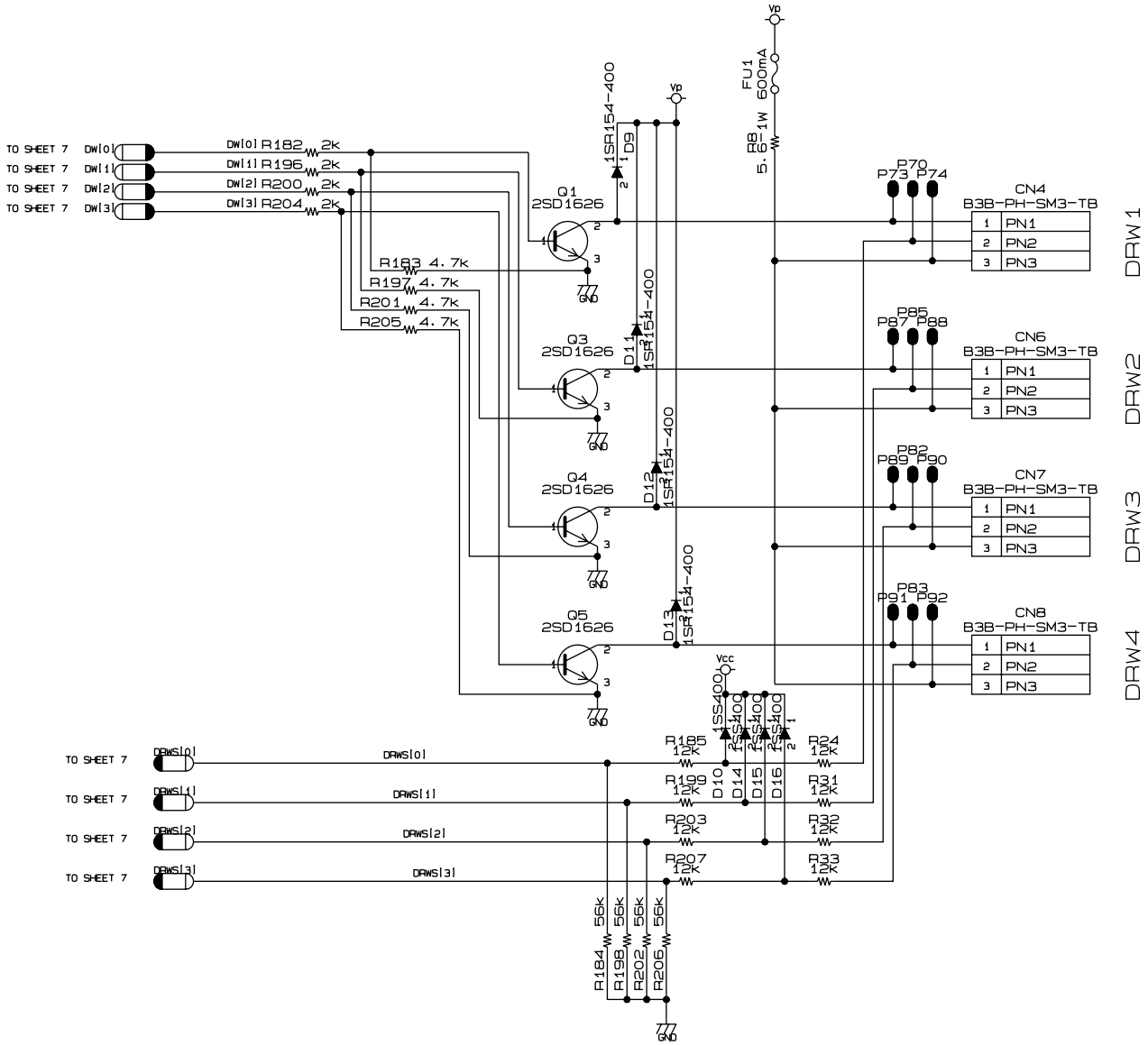
5-5. POWER SUPPLY CIRCUIT

The power supply circuit is as follows.



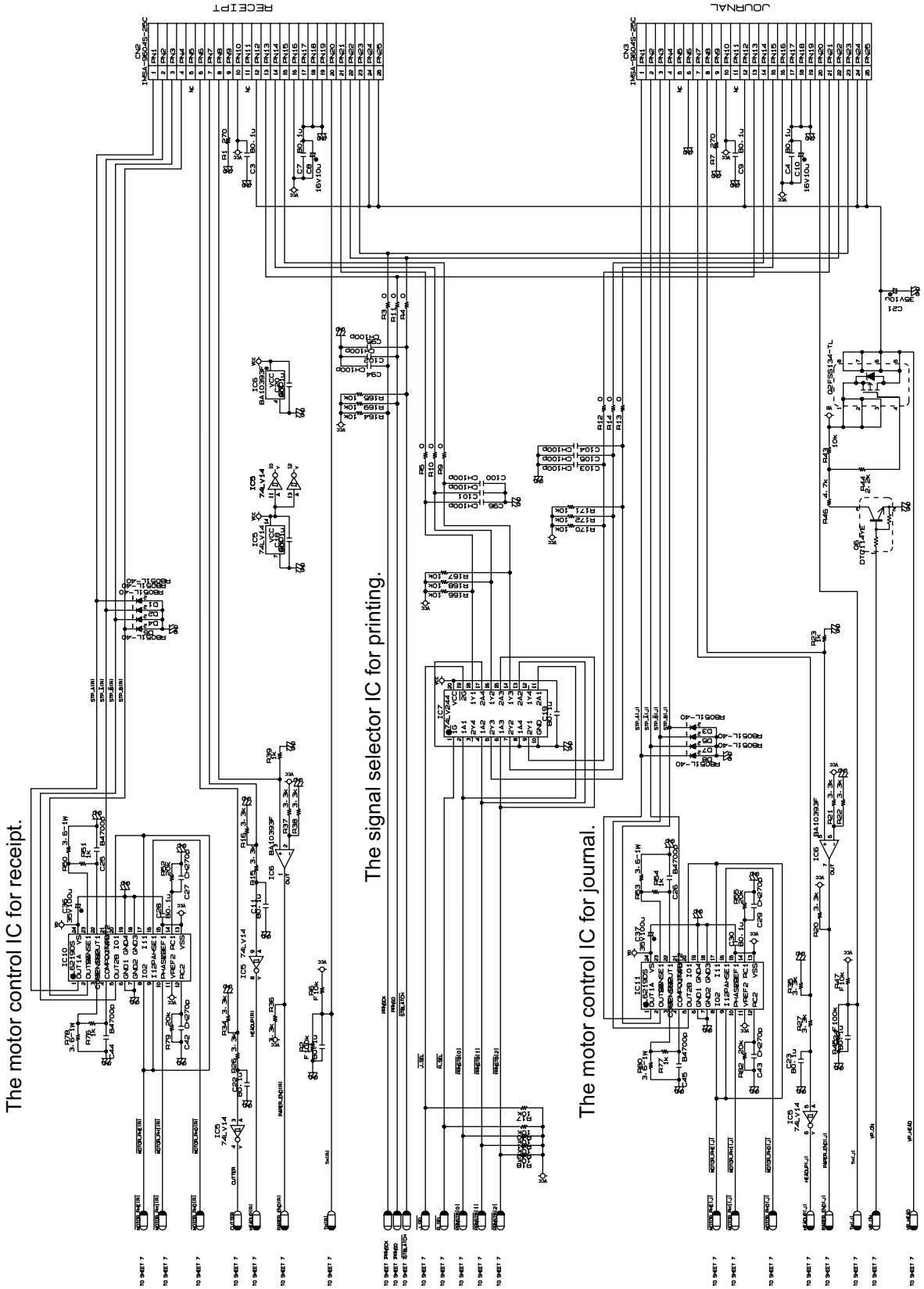
5-6. DRAWER I/F CIRCUIT

The drawer open circuit is as follows.



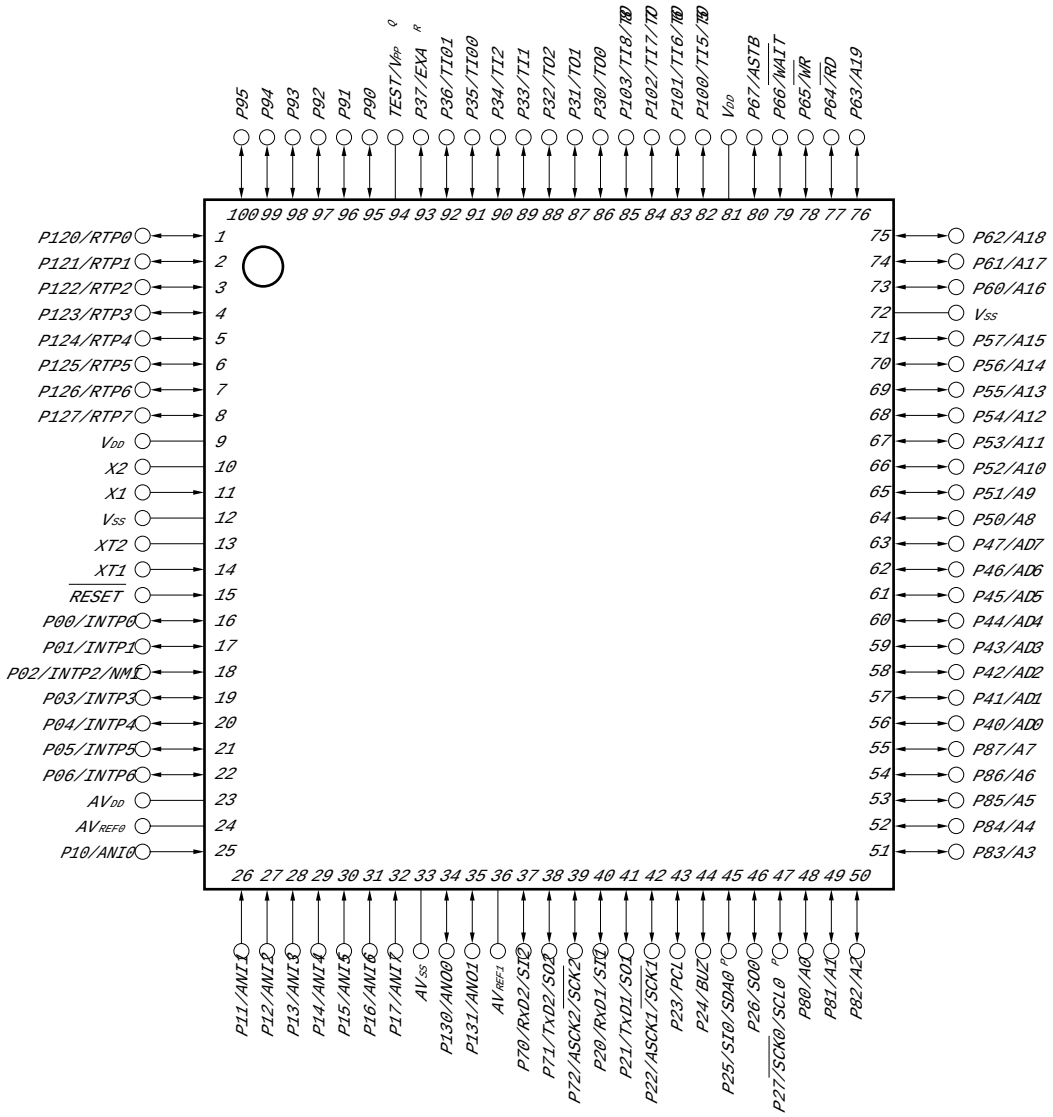
5-7. PRINTER CONTROL CIRCUIT

The printer control circuit is as follows.

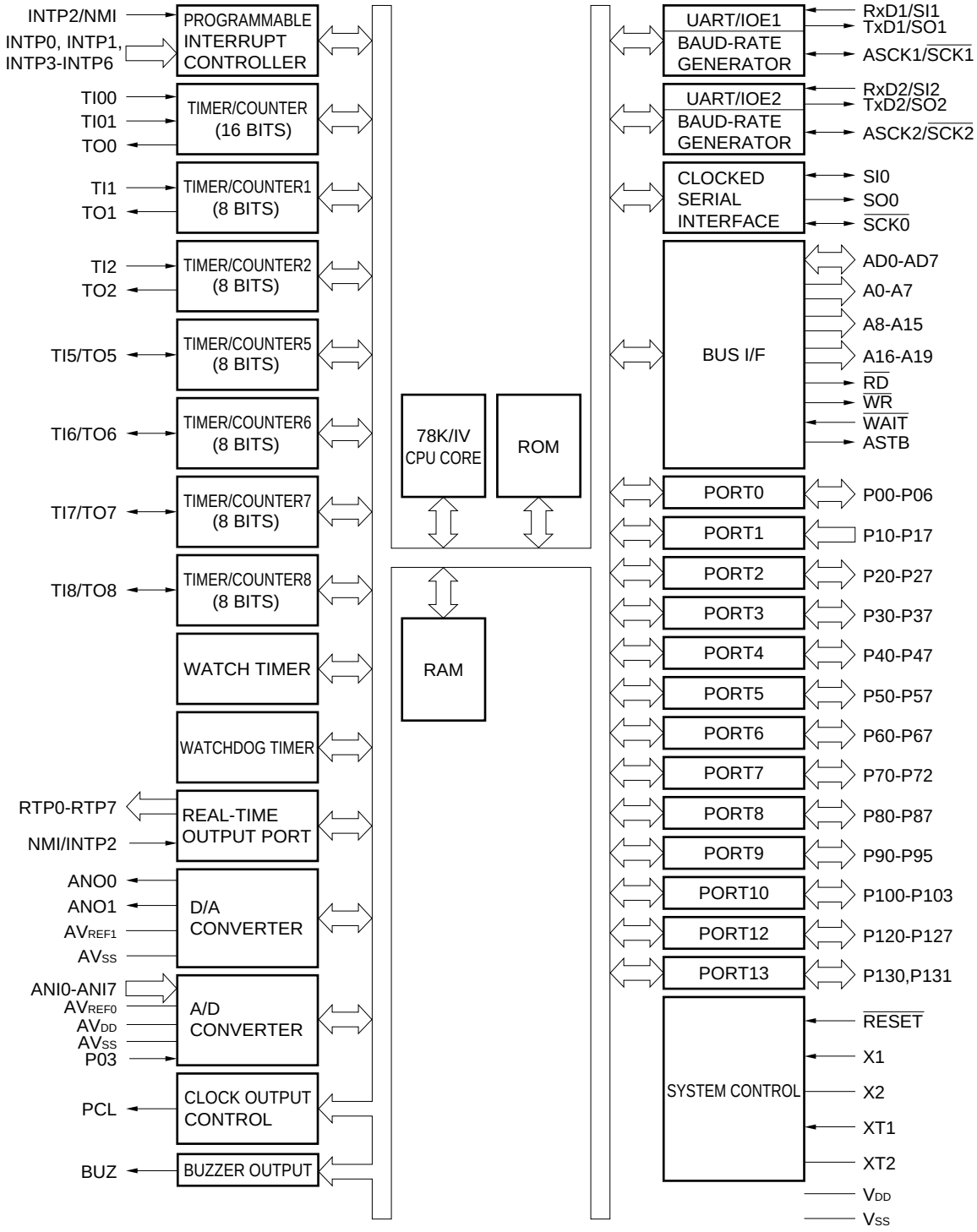


5-8. CPU (IC12: uPD784215AGC8038EU) / I/O CONTROLLER (IC16: uPD784215AGC8028EU)

5-8-1. Pin Assignment



5-8-2. Block Diagram



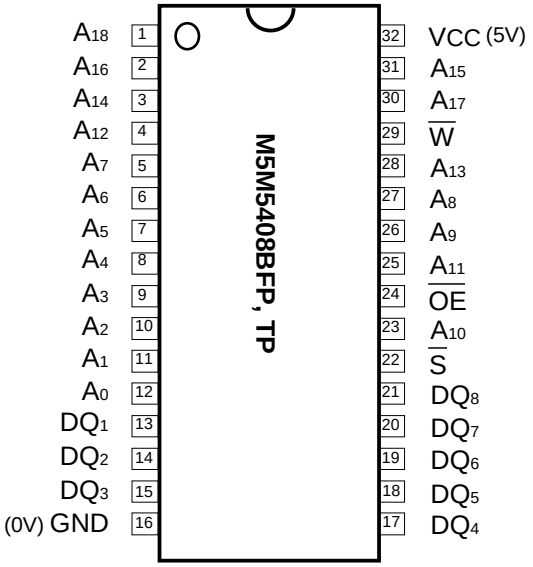
5-8-3. Pin Function

PIN NO.	PIN NAME	I/O	DESCRIPTION
1	P120/RTP0	IO	8 bit input/output PORT
2	P121/RTP1		
3	P122/RTP2		
4	P123/RTP3		
5	P124/RTP4		
6	P125/RTP5		
7	P126/RTP6		
8	P127/RTP7		
9	VDD	-	Power Supply
10	X2	-	Main system Clock
11	X1	I	
12	VSS	-	GND
13	XT2	-	Sub system Clock
14	XT1	I	
15	RESET	I	Reset
16	P00/INTP0	IO	7 bit input/output PORT
17	P01/INTP1		
18	P02/INTP2/NMI		
19	P03/INTP3		
20	P04/INTP4		
21	P05/INTP5		
22	P06/INTP6		
23	AVDD	-	A/D CONVERTER POWER SUPPLY
24	AVREF0	-	Application of Standard Voltage for A/D CONVERTER
25	P10/ANI0	I	8 bit input PORT
26	P11/ANI1		
27	P12/ANI2		
28	P13/ANI3		
29	P14/ANI4		
30	P15/ANI5		
31	P16/ANI6		
32	P17/ANI7		
33	AVSS		A/D CONVERTER & D/A CONVERTER GND
34	P130/ANO0	IO	2 bit input/output PORT
35	P131/ANO1		
36	AVREF1		Application of Standard Voltage for D/A CONVERTER
37	P70/RxD2/SI2	IO	3 bit input/output PORT
38	P71/TxD2/SO2		
39	P72/ASCK2/SCK2		
40	P20/RxD1/SI1	IO	8 bit input/output PORT
41	P21/TxD1/SO1		
42	P22/ASCK1/SCK1		
43	P23/PCL		
44	P24/BUZ		
45	P25/SI0/SDA0		
46	P26/SO0		
47	P27/SCK0/SCL0		
48	P80/A0	IO	8 bit input/output PORT
49	P81/A1		
50	P82/A2		

PIN NO.	PIN NAME	I/O	DESCRIPTION
51	P83/A3	IO	8 bit input/output PORT
52	P84/A4		
53	P85/A5		
54	P86/A6		
55	P87/A7		
56	P40/AD0	IO	8 bit input/output PORT
57	P41/AD1		
58	P42/AD2		
59	P43/AD3		
60	P44/AD4		
61	P45/AD5		
62	P46/AD6		
63	P47/AD7		
64	P50/A8	IO	8 bit input/output PORT
65	P51/A9		
66	P52/A10		
67	P53/A11		
68	P54/A12		
69	P55/A13		
70	P56/A14		
71	P57/A15		
72	VSS	-	GND
73	P60/A16	IO	8 bit input/output PORT
74	P61/A17		
75	P62/A18		
76	P63/A19		
77	P64/RD		
78	P65/WR		
79	P66/WAIT		
80	P67/ASTB		
81	VDD	-	Power Supply
82	P100/TI5/TO5	IO	4 bit input/output PORT
83	P101/TI6/TO6		
84	P102/TI7/TO7		
85	P103/TI8/TO8		
86	P30/TO0	IO	8 bit input/output PORT
87	P31/TO1		
88	P32/TO2		
89	P33/TI1		
90	P34/TI2		
91	P35/TI00		
92	P36/TI01		
93	P37/EXA		
94	TEST/VPP	-	TEST pin
95	P90	IO	6 bit input/output PORT
96	P91		
97	P92		
98	P93		
99	P94		
100	P95		

5-9. SRAM (IC23: M5M5408BFP-70H)

5-9-1. Pin Assignment

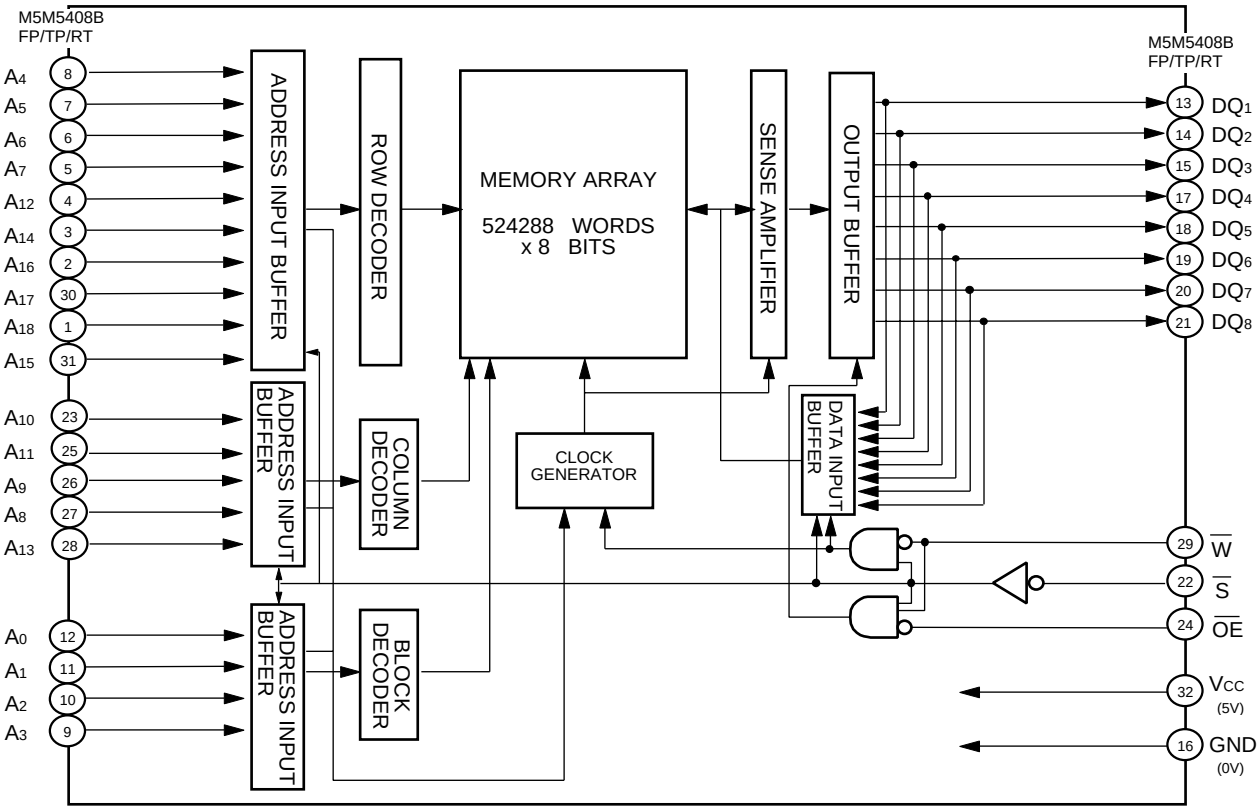


5-9-2. Block Diagram

S	W	OE	Mode	DQ	Icc
H	X	X	Non selection	High-impedance	Standby
L	L	X	Write	Data input (D)	Active
L	H	L	Read	Data output (Q)	Active
L	H	H	Read	High-impedance	Active

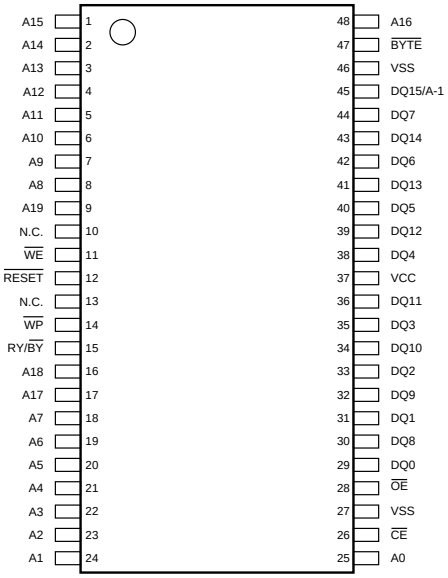
Pin	Function
A0 ~ A18	Address input
DQ1 ~ DQ8	Data input / output
S	Chip select input
W	Write control input
OE	Output inable input
Vcc	Power supply
GND	Ground supply

5-9-3. Pin Function



5-10. FROM (IC24: MBM29F160BE90TN)

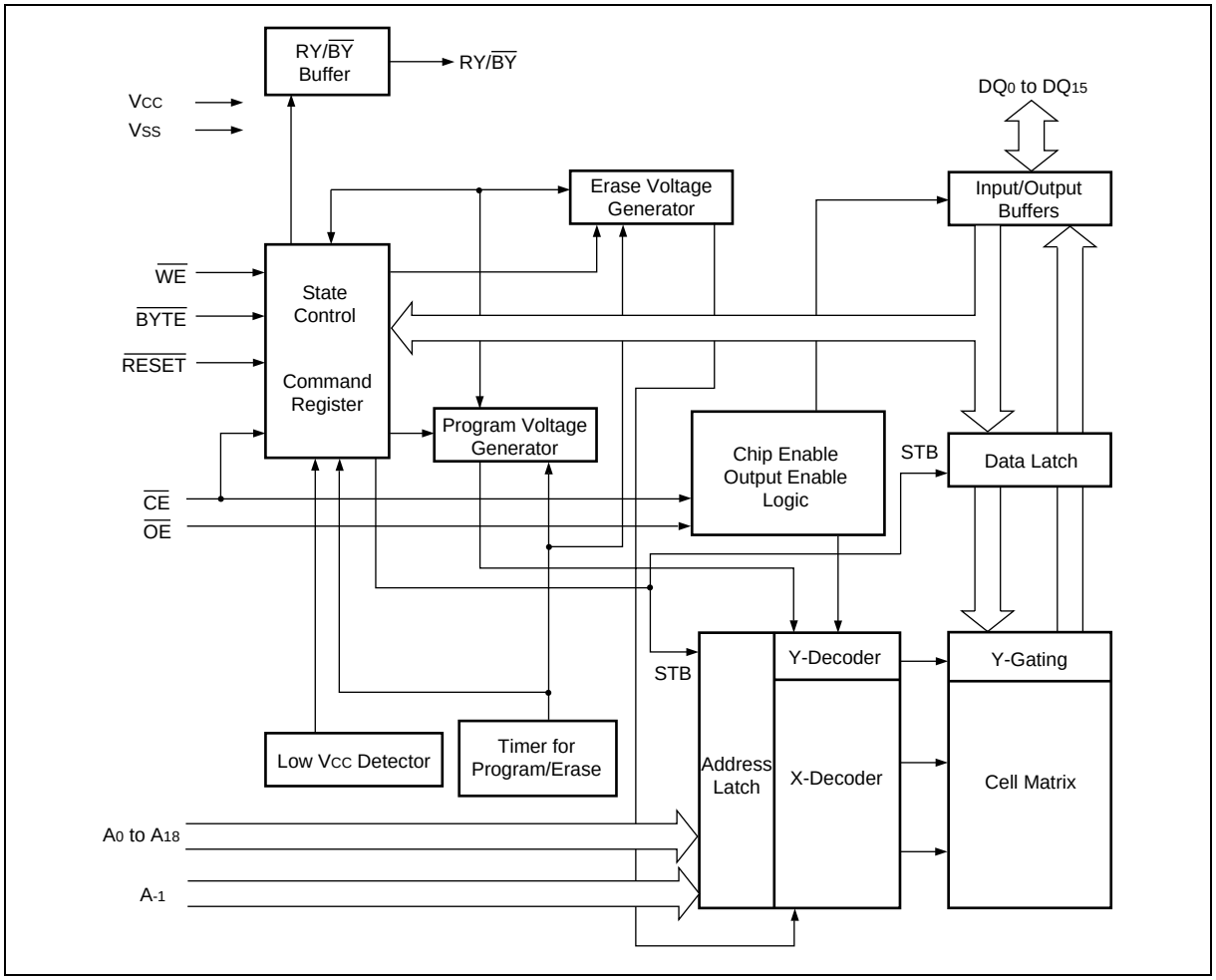
5-10-1. Pin Assignment



5-10-2. Block Diagram

Pin	Function
A_{-1}, A_0 to A_{19}	Address Inputs
DQ_0 to DQ_{15}	Data Inputs/Outputs
$\overline{CE}$	Chip Enable
$\overline{OE}$	Output Enable
$\overline{WE}$	Write Enable
RY/$\overline{BY}$	Ready/Busy Output
$\overline{RESET}$	Hardware Reset Pin/Temporary Sector Unprotection
$\overline{BYTE}$	Selects 8-bit or 16-bit mode
N.C.	No Internal Connection
V_{SS}	Device Ground
V_{CC}	Device Power Supply

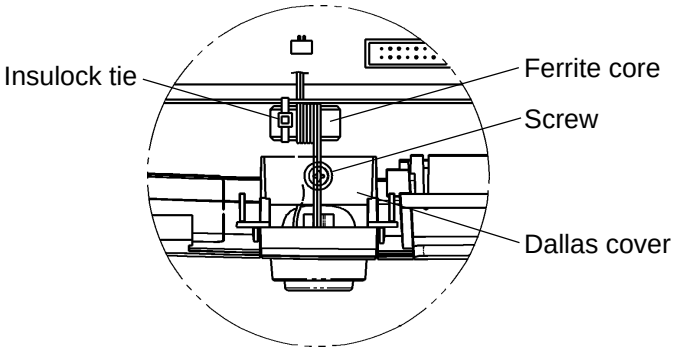
5-10-3. Pin Function

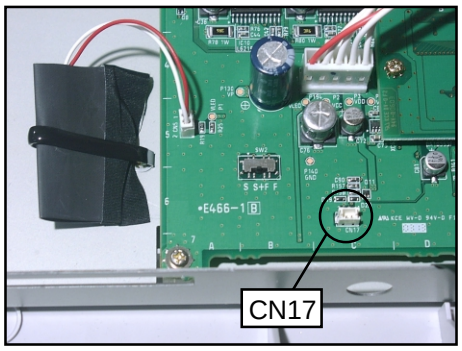


6. OPTION INSTALLATION

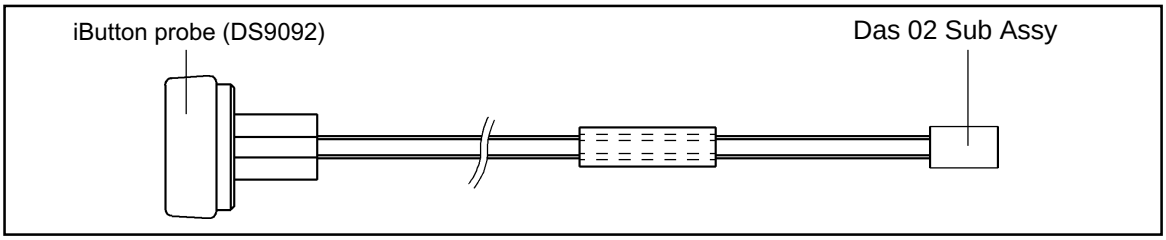
6-1. Dallas Key (Clerk key kit CLK-K22)

1. Remove the upper cover as shown in steps 1 to 3 of page 8.
2. Fix the Dallas Cable Assy to the Dallas cover.
3. Fix the Dallas cover to the lower case by screw.
4. Let the Dallas cable through the unit and connect it to the MAIN PCB (CN17).
   Note : Wind the cable through the Ferrite core two and a half times.
5. Fix the Ferrite core to the chassis by insulock tie.
6. Fix the UPPER COVER.

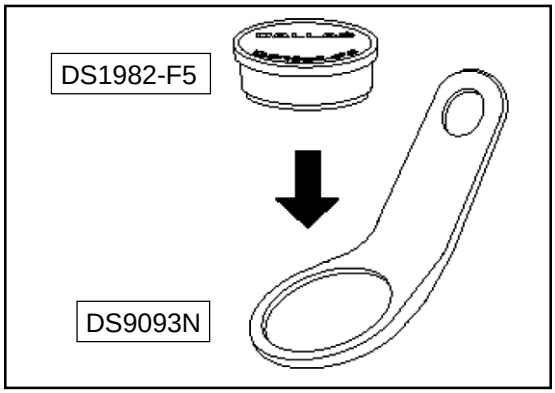




Dallas Cable Assy



Dallas key Assy



N	Code No.	Parts Name	Specification	Q'ty	Price Code	Note
N	1010 4433	COVER/DALLAS E468	RJE500428-1	1		This part is attached in the carton box of TE-3000S/4000F/4500F.
	1008 6507	DALLAS CABLE ASSY	E441328*1	1	CD	Clerk key kit (CLK-K22)
	1007 3068	DAS-02 CABLE SUB ASSY	E441319-1	1	AB	Wire with connector(t = 40mm)
	1007 3671	CORE/FERRITE	TR-20-10-10	1	AD	Clerk key kit (CLK-K22)
	1007 9263	DALLAS KEY ASSY/6PCS	RJE500025*1	1	DA	Clerk key kit (CLK-K22)
	1007 3701	iBUTTON/CLERK	DS1982-F5	1	BF	
	1007 3665	iBUTTON MOUNT PROD/CLERK	DS9093N	1	AO	

6-2. REMOTE DISPLAY

6-3. HANDY SCANNER

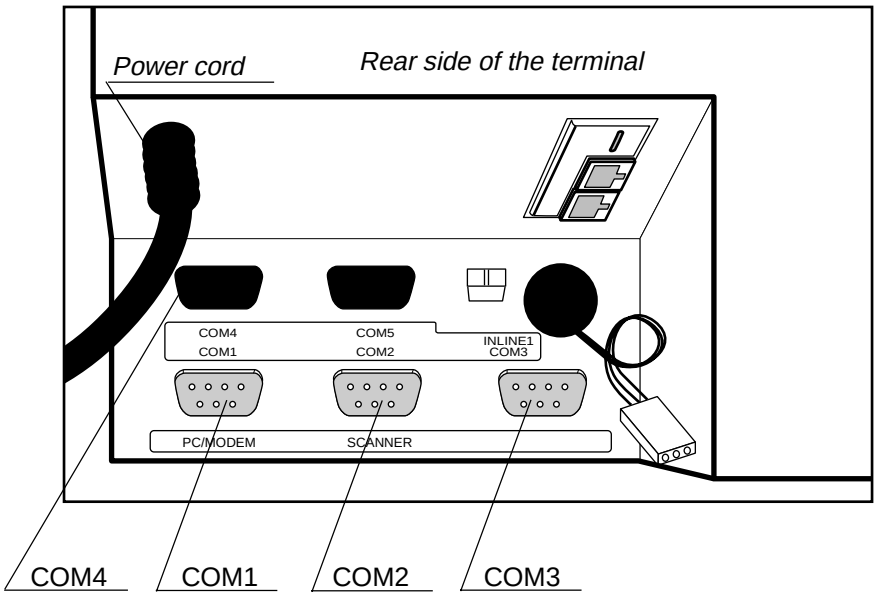
6-4. REMOTE PRINTER / SLIP PRINTER

Connect the following peripherals to the COM ports respectively.

HANDY SCANNER : COM2

REMOTE PRINTER/ : COM1, 2, 3

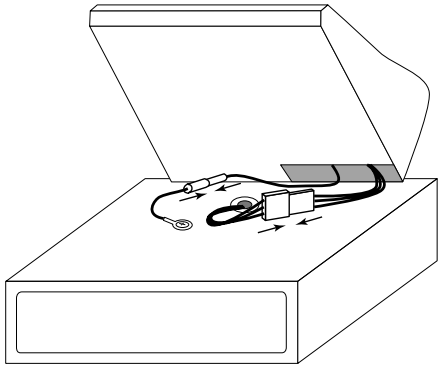
SLIP PRINTER



6-5. DRAWER

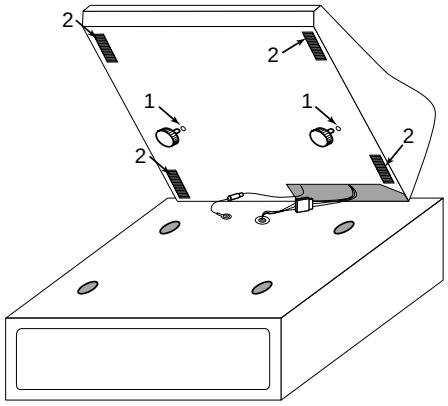
6-5-1. CONNECTOR THE DRAWER

1. Connector drawer connector (three color lead on drawer) to the cash register.
2. Connector frame drawer connector (green lead on drawer) to the cash register.



6-5-2. CONNECTOR THE DRAWER

1. Screw in 2 fixing screws bottom side of the register.
2. Stick rubber plate on the eash corner of the bottm side of the register.
3. Mount the cash register on the top of the drawer, ensuring that the feet on the bottom of the cash register go into the holes on the drawer



7. IN LINE

■ There are two types for IN LINE; CATEGORY5A and ARCNET.

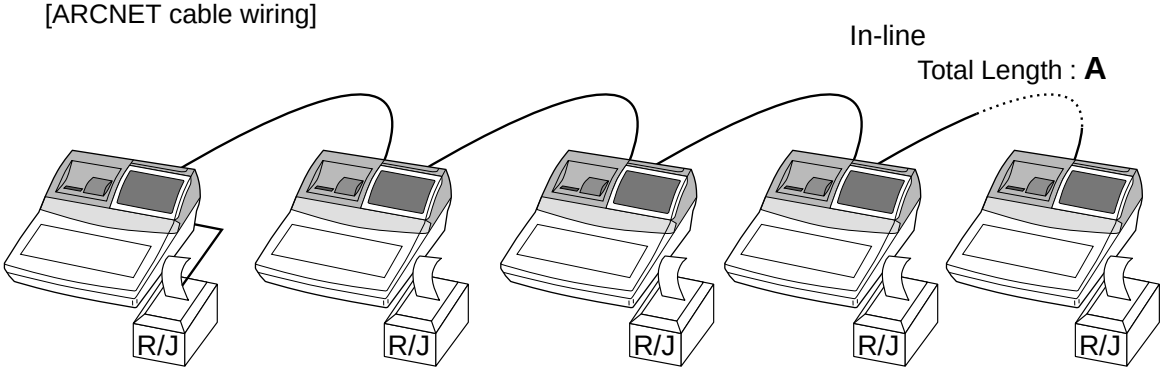
Note: When the cluster has more than 8 TE-7000S/8000F/8500F terminals, all printer should be local printer. When the cluster has less than or equal to 8 TE-3000S/4000F/4500F terminals, remote printer is allowable.

7-1. ARCNET(INLINE1)

① ARCNET connection diagram

The maximum ARCNET cable length and the maximum connection unit will be varied by the in-line communication speed as shown below list.

[ARCNET cable wiring]



ARCNET communication speed (Baud rate)	Maximum connection unit	Maximum cable length **A** (m)
312.5 K bps	20	430
156.25 K bps	32	890

② In line cable, Connector, Terminater and Earth plate
The following parts are packaged in the ECR.

ARCNET cable

N	Code No.	Parts name	Specification	Price code
	1904 4023	In-line cable	IPEV-SLA0.5x1P	AN

ARCNET connector(ECR side)

N	Code No.	Parts name	Specification	Price code	Note
	3540 3924	In-line connector kit	XLP-KIT-2	AK	Connector×1 cap×2

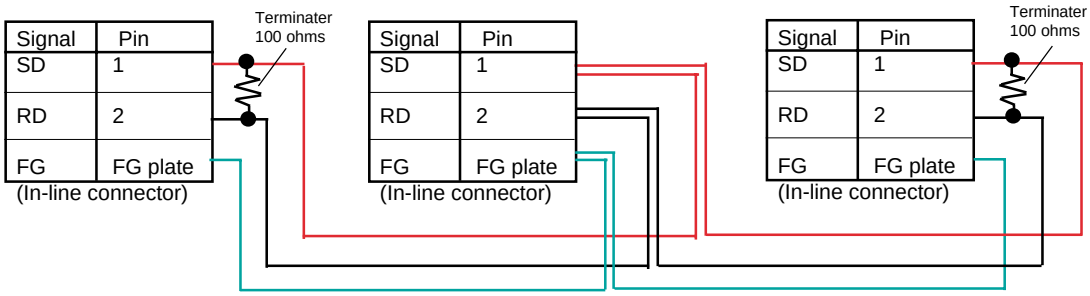
Terminater

N	Code No.	Parts name	Specification	Price code
N	10054255	Resistor	RD14J101T26	

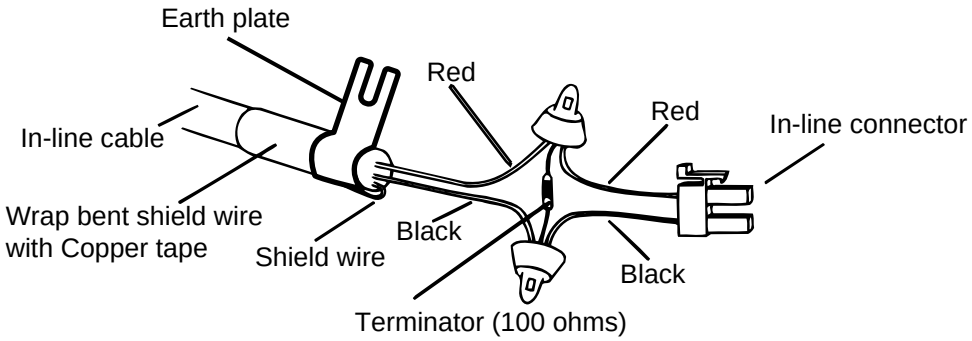
Earth plate

	Code No.	Parts name	Specification	Price code
	62477372	Plate/Earth	E440398-1	AB

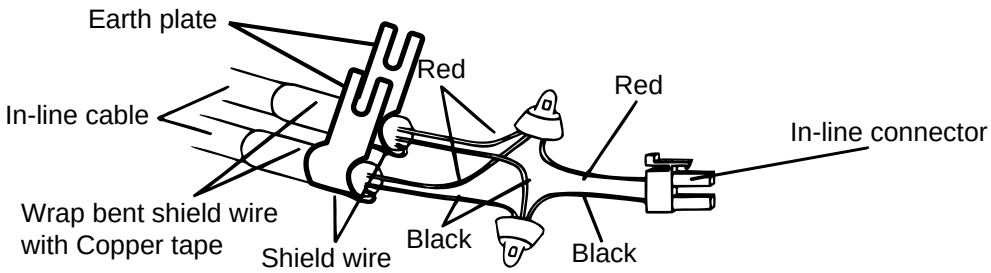
③ ARCNET Cable connection diagram



[Connection end of ECR]



[Connection between ECR and ECR]



NOTE:

1) The earth plate should be fixed to the ground chassis.
2) When using the ARCNET, slide the switch at the bottom of ECR to RS485.

7-2. CATEGORY5 (INLINE2)

① Restrictions

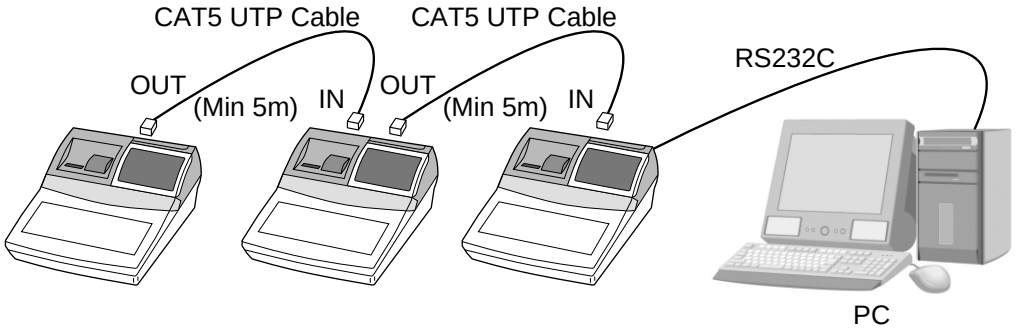
- Maximum number of units that can be connected is 32.
- HUB and rooter cannot be connected.
- With ARCNET simultaneous use impossible.
- Minimum cable length between units is 5 meters.

Maximun total length of the cable	
4 units :	450m
8 units :	420m
32 units :	230m

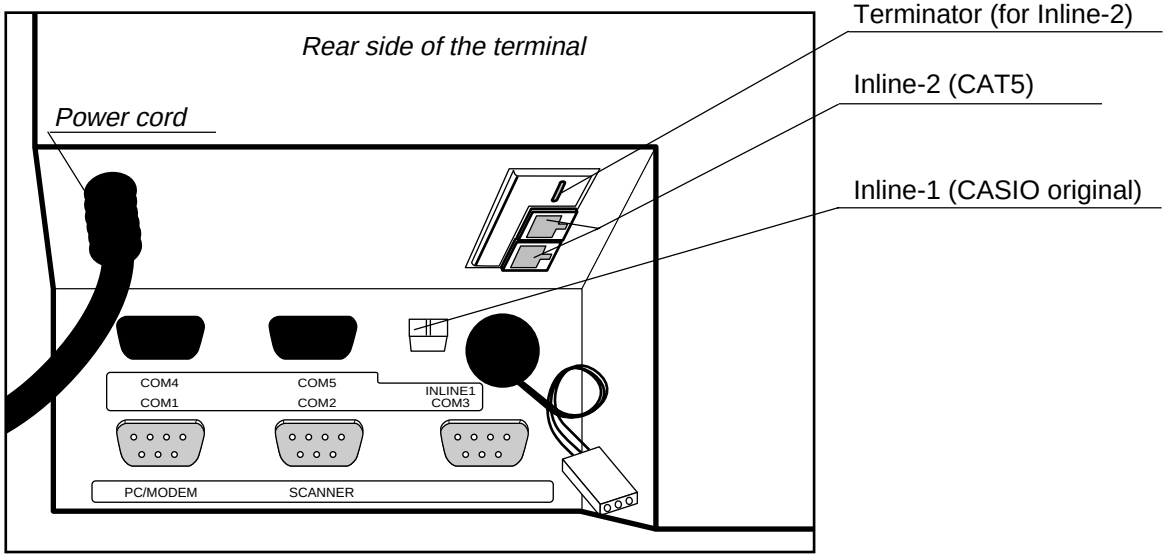
② APPLICATION

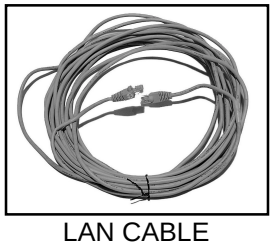
- Auto PGM
- Sales Data Collection
- Shared Check Tracking
- Shared Printer
- IPL

③ BLOCK DIAGRAM

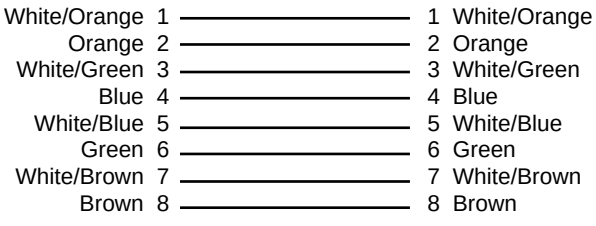


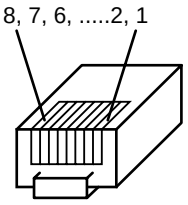
④ Connection





LAN CABLE





⑤ LAN cable specifications

CAT5 UTP Cable (TIA/EIA 568)
0.5mm x 4P Not shielded wire Twist pair cable

NOTE:

1) The power of all units which share the network must be turned on.
   If even one of them is OFF, normal communication cannot be done.
   If any of the units has a failure and its power is turned off, remove the unit from the network.
2) Communication speed of the categoly 5 is fixed 312.5kbps.
3) When using CAT5, slide the switch at the bottom of ECR to CAT5 side.

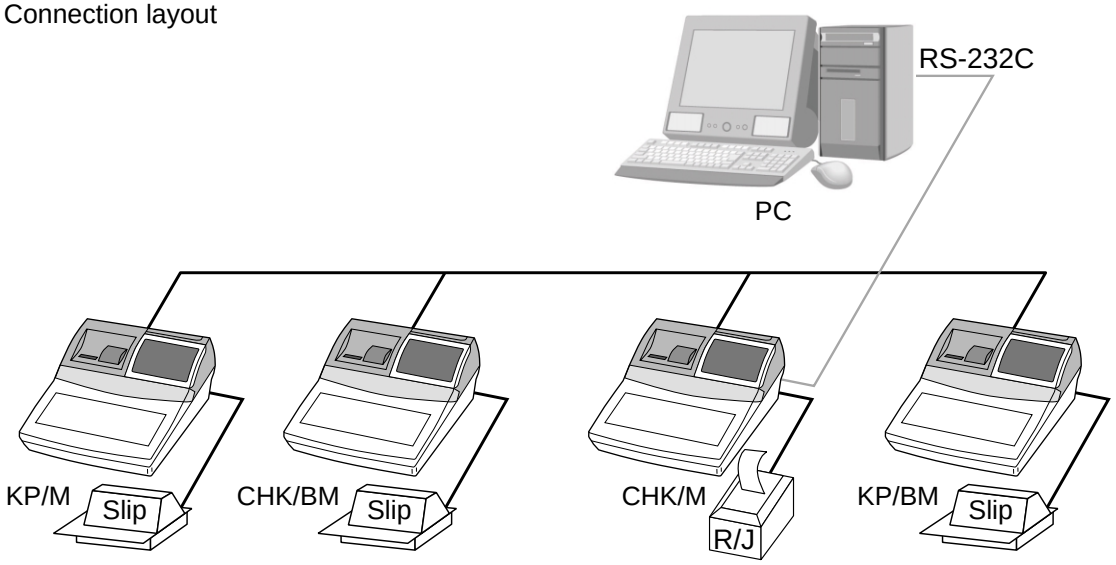
8. ON LINE

Only the RS-232C Com1 port can be connected with a modem or perssonal computer.

Note: When the cluster has more than 8 register terminals, all printer should be local printer. When the cluster has less than or equal to 8 register terminals, remote printer is allowable.

8-1. Direct connection to PC

① Connection layout



Using Com1 port

② PC Cable wiring

TE-3000S/4000F/4500F (Com1)

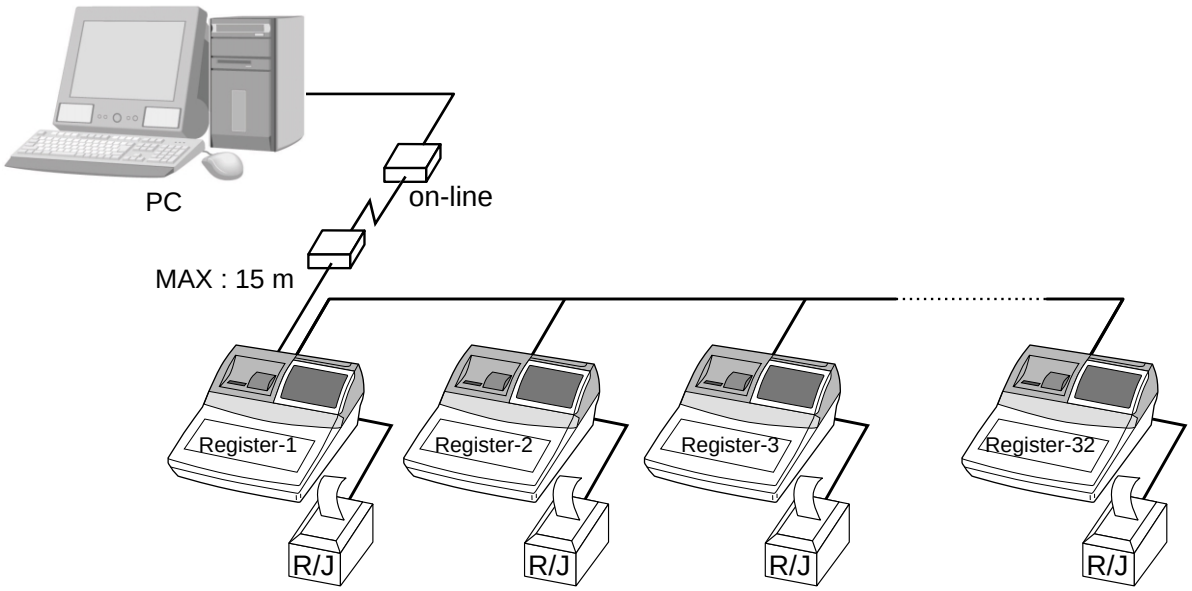
Pin No.	Signal name
3	SD/TXD
2	RD/RXD
7	RS/RTS
8	CS/CTS
1	CD/DCD
4	ER/DTR
6	DR/DSR
9	CI/RI
5	GND

PC

Pin No. (DSUB9)	Pin No. (DSUB25)	Signal name
3	2	SD
2	3	RD
7	4	RS
8	5	CS
1	8	CD
4	20	ER
6	6	DR
-	22	CI
5	7	GND

8-2. MODEM system

① Connection layout



Use Com1 port

② PC Cable wiring

TE-3000S/4000F/4500F (Com1)

Pin No.	Signal name
3	SD/TXD
2	RD/RXD
7	RS/RTS
8	CS/CTS
1	CD/DCD
4	ER/DTR
6	DR/DSR
9	CI/RI
5	GND

MODEM (DSUB25)

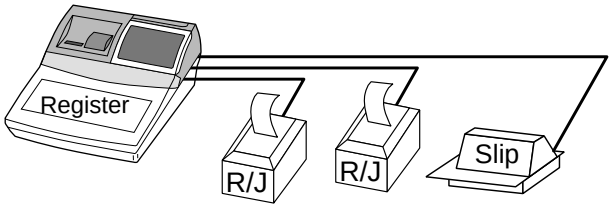
Pin No.	Signal name
2	SD
3	RD
4	RS
5	CS
8	CD
20	ER
6	DR
22	CI
7	GND

8-3. PRINTER Connection

■ Three printers can be connected to TE-3000S/4000F/4500F.
Com1 ~ Com3 are used for ports.

① Connection layout

Maimum connection number : Max. 3 printer
Note:The slip printer can be connected one unit only.



9. DIAGNOSTIC OPERATION

9-1. To start the diagnostic program

To enter diagnostic mode, press “99990000<ST>” immediately after reset-and-start, IPL boot or INT operation.

* INT operation procedure

① Press the reset switch while pressing JFEED button.
② When “INIT” appears in the first line of the LCD dot lines, press <SUBTOTAL>.
③ When “INIT” appears in the second line of the LCD dot lines, press “99990000<ST>”.
④ Enter the diagnostic mode.

* In case “MASK DIAG” appears and the counter starts

A false operation has led to the MASK diagnostic mode. Perform IPL operation again.

9-2. Notes for the DIAG

- All test results are printed by the built-in printer receipt.
- Make sure to test HHS-15 by connecting to COM2.
- When doing the test infinitely, follow the direction for each test and input numbers other than 0. Inputting numbers 1 ~ 9 as the command for the number of times for performing the test in the operation of each page makes the number infinite. Note that you can only choose one time or infinite times.
- Pay attention to the following in the ARCNET test.

① When testing with RS485 cable
Slide the switch of the cable to the RS485.
Make sure that a terminal resistance switch is fixed with the cable. (If not, the cable has to be processed.)
Note that the terminal resistance switch does not have any meaning for RS485.

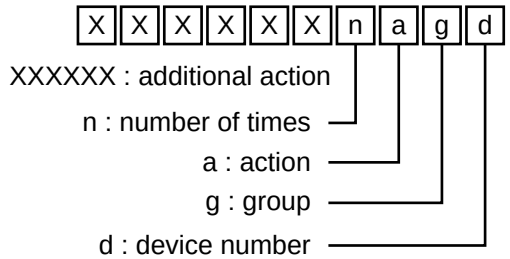
② When testing with CAT5 cable
Slide the switch of the cable to the CAT5.
Make sure to turn the terminal resistance switch to ON.

[Others]

- Following is printed when the test is manually ended by the press of ESC (Clear key or mode off).
  When ending the test while performing the test infinite times, press CL (clear) key or ESC key.
  The following printing is omitted in each test.
  | ESC |
- The receipt is cut off after the test result is printed.
- Setting color of the backlight
  The combination of backlight switch and the backlight color are as follows;
  SW1: emerald green (white and green)
  SW2 : pink (white and red)
  SW3: white

9-3. DIAG command input system

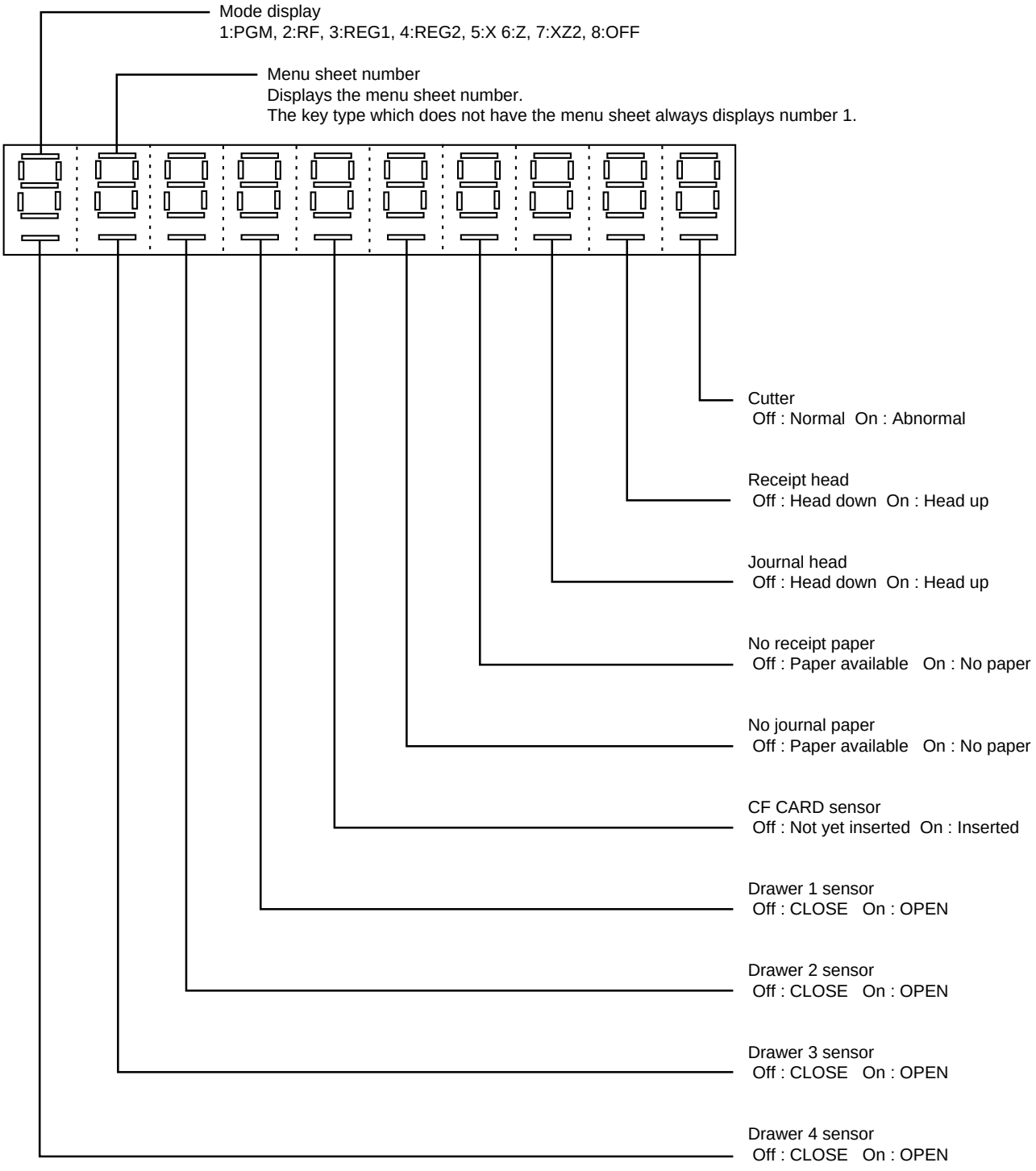
Input a command according to the following code.



9-4. DIAG command input system

[Function]
The status of the device which has the status information is displayed by 7 segments as well as lit transaction.
In case of Dallas key, the data is displayed in the second line of the dots when the data is read.
The status information and the displayed position are as follows. As for tact switch, the pressed LED will be lit.

[DISPLAY]


Mode display
1:PGM, 2:RF, 3:REG1, 4:REG2, 5:X 6:Z, 7:XZ2, 8:OFF
Menu sheet number
Displays the menu sheet number.
The key type which does not have the menu sheet always displays number 1.
Cutter
Off : Normal On : Abnormal
Receipt head
Off : Head down On : Head up
Journal head
Off : Head down On : Head up
No receipt paper
Off : Paper available On : No paper
No journal paper
Off : Paper available On : No paper
CF CARD sensor
Off : Not yet inserted On : Inserted
Drawer 1 sensor
Off : CLOSE On : OPEN
Drawer 2 sensor
Off : CLOSE On : OPEN
Drawer 3 sensor
Off : CLOSE On : OPEN
Drawer 4 sensor
Off : CLOSE On : OPEN

9-5. Check item

The following test can be checked in the diagnostic test.

No	Device to be checked	Operation	Note	Page
1	Batch test 1	2	Test Device : RAM, Printer, Date, Time, Buzzer, Drawer	37
2	Batch test 2	3	Test Device : Display, Back light	37
3	RAM WRITE/READ test	bn011		38
4	RAM READ ONLY test	bn111		38
5	CF-CARD WRITE/READ test	pn013		39
6	CF-CARD READ ONLY test	pn113		39
7	CF-CARD CLEAR test	pn213		40
8	CF-CARD CLEAR WRITE/READ test	pn313		40
9	Locale information write	x1x20016		41
10	Display test	n021		41
11	Backlight test	c0121		42
12	7 segment diplay test	221		42
13	External printer print test	x1x2x3n03d		43
14	Internal printer print test	cn03d		44
15	Internal printer graphic print test	P1P1P1P2P2P2n13d		45
16	Internal printer dot rate test	pn33d		46
17	Internal printer print density test	x025		47
18	Internal printer print evaluation test	435		47
19	RS232C PORT test	xn04d		48
20	RS232C PORT batch test	40		49
21	ARCNET test	rllmmx0a51		50
22	ARCNET batch test	150/250		51
23	Time setting	x1x2x3x4x5x60a70		52
24	Time display	70		52
25	Drawer open test	xn091		52
26	Buzzer test	n092		53
27	KEY dipsplay	94		53
28	OBR test	95		54

9-6. Operation of each test

[1] Batch test 1

[Function]
RAM test, test print, time setting, buzzer test and drawer open test are performed continuously.

[Operation]
Refer to the page for the details of the following tests.

Operation : | 2 | SUBTOTAL |

The following tests are performed automatically.
(1) RAM test : WRITE/READ all block test
(2) Test print
(3) Times setting : Set the following data.
Arranged data : 2002 December 31, 23:59'30
(4) Buzzer : Ring the one shot buzzer.
No print or display in this test
(5) Drawer open : Opens only drawer 1.
(6) Receipt issuance

[Print]
*When normally printed

```
BATC H          2
RAM WR          OK
BBBBBBBBBBBBBBBBBBBBBBBBBBBBBB   <-- Print Test
DATE            01/12/31
TIME            23:59-30
DRW 1           OK
END             2
```

[2] Batch test 2

[Function]
Display test and backlight test are performed continuously.

[Operation]
Refer to the page for the details of the following tests.

Operation : | 3 | SUBTOTAL |

The following tests are performed automatically.
(1) Display test : All LCD dots and 7 segments (LCD/Reared Disp)are displayed, and all LEDs of the tact switch are lit.
Press any key to go on to the next test. (Same in the backlight test also)
(2) 7 segments display test : 7 segments (LCD, Reared Disp) are displayed.
(3) Backlight test
Perform the backlight test.
The backlight changes to the next color when any key is pressed.
Refer to the "Backlight test" for details.
(4) Receipt issuance

[Print]
*When normally printed

```
BATC H          3
DISP            OK
DISP 7SEG       OK
BACK LIGHT      OK
END             3
```

[3] RAM WRITE/READ test

[Function]

WRITE/READ test for RAM is performed.
A counter is displayed for RAM test as follows.

[Operation]

Operation : | b | n | 0 | 1 | 1 | SUBTOTAL |

b: 0 = All area of normal RAM and option RAM
(only normal RAM when the option RAM in not mounted)
1 = normal RAM
2 = option RAM
n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

[7 segment display]

A counter is displayed for 7 segments.

[PRINT]

```
RAM          n011
RAM WR       OK
END          n011
```

[4] RAM READ ONLY test

[Function]

READ ONLY test for RAM is performed
Note that WRITE test (bn011) must be performed right before this test.

[Operation]

Operation : | b | n | 1 | 1 | 1 | SUBTOTAL |

b: 0 = All area of normal RAM and option RAM
(only normal RAM when the option RAM in not mounted)
1 = normal RAM
2 = option RAM
n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

[7 segment display]

A counter is displayed for 7 segments.

[PRINT]

```
RAM          n111
RAM RD       OK
END          n111
```

Prints the address of the error in case the test ended with an error.

[5] CF-CARD WRITE/READ test

[Function]

This test will check the write/read test (connection test) for CF-CARD.
Perform the CF-CARD clear test, before start of this test.
Note that this test does not ensure the data inside the CF-CARD as well as its performance.

[Operation]

Operation : | p | n | 0 | 1 | 3 | SUBTOTAL |

p : designates PCMCIA SLOT
0 = CF
1 = PCMCIA

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

[PRINT]

CF	pn013
CF WR	OK
END	pn013

NG and the address are printed if WRITE cannot be done normally.

[6] CF-CARD READ ONLY test

[Function]

This test will check the read only test for CF-CARD.
Perform the CF-CARD write test, before start of this test.
Note that this test does not ensure the data inside the CF-CARD as well as its performance.

[Operation]

Operation : | p | n | 1 | 1 | 3 | SUBTOTAL |

p: designates PCMCIA SLOT
0 = CF
1 = PCMCIA

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

[PRINT]

CF-CARD	pn113
CF RD	OK
END	pn113

NG and the address are printed if READ cannot be done normally.

[7] CF-CARD CLEAR test

[Function]

This test will check the clear test for CF-CARD.
Note that this test does not ensure the data inside the CF-CARD as well as its performance.

[Operation]

Operation : | p | n | 2 | 1 | 3 | SUBTOTAL |

p: designates PCMCIA SLOT
0 = CF
1 = PCMCIA

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

[PRINT]

CF-CARD	pn213
CF CLR	OK
END	pn213

NG and the address are printed if CLEAR cannot be done normally.

[8] CF-CARD CLEAR WRITE/READ test

[Function]

The CLEAR & WRITE/READ test for CF-CARD is performed.
After deleting the memory by CLEAR, WRITE/READ test (connection test) is performed.
Note that this test does not ensure the data inside the CF-CARD as well as its performance.

[Operation]

Operation : | p | n | 3 | 1 | 3 | SUBTOTAL |

p: designates PCMCIA SLOT
0 = CF
1 = PCMCIA

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

[PRINT]

CF-CARD	pn313
CF CLR&WR	OK
END	pn313

NG and the address are printed if WRITE cannot be done normally.

[9] Locale information write

[Function]
The Locale information is written into FLASH MEMORY.

[Operation]
The test does not end unless inputting OK or NG key when the one time check is selected.

Operation : [x1] [x2] [0] [0] [1] [6] [SUBTOTAL]

x1: xcountry code, x2: SUB CODE
x1x2: 10 → Europe, 20 → US, 30 → UK, 40 → Germany,
50 → Canada, 60 → Direct, 61 → Direct (Hebrew)

[PRINT]
The following receipt is not issued when commands other than the above are inputted.

```
LOCALE          x1x220016
LOCALE          OK
END             x1x220016
```

The following is printed when an error occurs during writing LOCALE.

| LOCALE NG |

The LOCALE can be written 5 times. When no more LOCALE can be written (writing more than 5 times), the following is printed.

| LOCALE OVER |

[10] Display test

[Function]
Dots, 7 segments and tact switch display tests are performed (all dots displayed and all LEDs lit)

[Operation]
Press any key to end the test when performing one time check.

Operation : [n] [0] [2] [1] [SUBTOTAL]

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

* Any key must be pressed to end the test when performing one time check.

[LCD]
All dots are displayed.
The display is maintained after the test until any key is pressed.

[7 segment display]
All the 7 segments, transaction and LEDs turn on.
They all turn off after the test

[11] Backlight test

[Function]

This is a test for the LCD backlight.
The color of the backlight can be switched by this test and the switching of the backlight switch.
After this test, the test goes on to “Setting color of the backlight (2. Introduction [Others]).

[Operation]

Operation : | c | 0 | 1 | 2 | 1 | SUBTOTAL |

C : Designating the backlight color
0 = Batch test
The color changes as follows upon the press of keys.
White → Green → Red
1:OFF, 2:White, 3:Green, 4:Red, 5:(White + Green), 6:(Green + Red), 7:(White + Red)

[PRINT]

```
BACK LIGHT      n0121
BACK LIGHT      OK
END             n0121
```

[12] 7 segment display test

[Function]

7 segments (LCD, Reared Disp) display test is performed.
Press any key to end the test.

[Operation]

Operation : | 2 | 2 | 1 | SUBTOTAL |

Press any key to end the test.

[7 segment display]

The following is displayed and cleared after the test.

| 1 2 3 4 5 6 7 8 9 0 |

[PRINT]

```
DISP 7SEG       221
DISP 7SEG       OK
END             221
```

[13] External printer print test

[Function]

This test will check the print test for the RS232C I/F printer.
Connect the printer to the COM which is to be tested.

[Operation]

Operation : | x1 | x2 | x3 | n | 0 | 3 | d | SUBTOTAL |

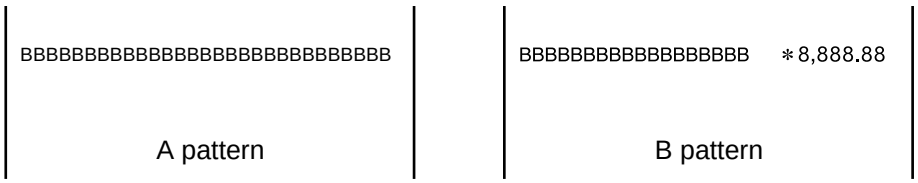
X1: Print test pattern
0 = A pattern, 1 = B pattern
X2: Port selection
1 = COM1, 2 = COM2, 3 = COM3, 4 = COM4
X3: Baud rate selection
1 = 4800 bps, 2 = 9600 bps, 3 = 19.2 kbps
n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)
d: Printer type selection
1 = RJ, 2 = SLIP

Note that some printers cannot use certain baud rates. Refer to the list below.
When changing the baud rate, make sure to change the setting for the printer also.

	19.2 Kbps	9600 bps	4800 bps
SLIP PRINTER (SP1300)	×	O	O
RJ PRINTER (UP250/350)	O	O	O

[Print]

Printing pattern is the following 2types.
The number of lines : 40 lines for RJ and 35 lines for SLIP.



[14] Internal printer print test

[Function]

This test will check the characters in the receipt/journal of the internal printer.

[Operation]

Operation : | c | n | 0 | 3 | d | SUBTOTAL |

c: 0 = prints character' B'
1 = prints all characters

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press "C" key)

d: 3 = prints only receipt
4 = prints only journal
5 = prints both receipt/journal (prints alternately)

[Print]

1. prints character' B'

BBBBBBBBBBBBBBBBBBBBBBBBBBBB

2. prints all characters

Refer to the figure in the next page for the characters to be printed.
The printing order is in the order of the character code. The characters from 0x20(SP) to 0xFA(•) are printed.
A space is printed for a code without the printing character.
A character which cannot be printed is a character within the range of the code 0x00 to 0x1F and 0xFB to 0xFF.

[15] Internal printer graphic print test

[Function]

This test will check the graphic patterns in the receipt/journal of the internal printer.

[Operation]

Operation : | P1 | P1 | P1 | P2 | P2 | P2 | n | 1 | 3 | d | SUBTOTAL |

P1:0 = Graphic patter 1 (change 8 bit into a decimal number and input it)
P2:0 = Graphic patter 2 (change 8 bit into a decimal number and input it)
n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)
d: 3 = prints only receipt
4 = prints only journal
5 = prints both receipt/journal (prints alternately)

The graphic patterns and the print images are as follows;

Graphic pattern 1
Graphic pattern 2
Graphic pattern 1
Graphic pattern 2

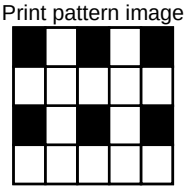
:
: repeat (for 28 Dot line)

* Print patterns and commands

① Receipt, 25% pattern, continuous

0	8	5	0	0	0	1	1	3	3	SUBTOTAL

Print pattern image

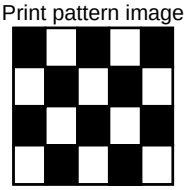


The display unit of the print pattern image in the right is as follows;
Horizontal: dot
Vertical: do line

② Receipt, 50% pattern, continuous

0	8	5	1	7	0	1	1	3	3	SUBTOTAL

Print pattern image

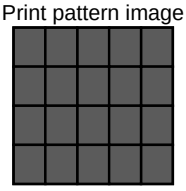


The display unit of the print pattern image in the right is as follows;
Horizontal: dot
Vertical: do line

③ Receipt, 100% pattern, continuous

2	5	5	2	5	5	1	1	3	3	SUBTOTAL

Print pattern image



The display unit of the print pattern image in the right is as follows;
Horizontal : dot
Vertical : do line

[Print] Refer to “Print patterns and commands”.

[16] Internal printer dot rate test

[Function]

This test will check the printing of the receipt/journal according to the following specifications.
The printing specification is reflected in 1/2 line and the only specified number of dot lines are printed in all dots from the 1 dot line.
Note that 1/2 line is printed two times because the printing unit is one line.

[Operation]

Operation : | p | n | 3 | 3 | d | SUBTOTAL |

p: 0 = 3 dot line
1 = 5 dot line
2 = 7 dot line

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

d: 3 = prints only receipt
4 = prints only journal
5 = prints both receipt/journal (prints alternately)

[Print]

① 3 dot lines

The first 3 dot lines in the 1/2 line (14 dot lines) out of one line are printed in all dots.

- 3 dot lines (printed in all dots)
- 11 dot lines (no printing)

→ Printing image of 1/2 line (14 dot lines)

- 3 dot lines (printed in all dots)
- 11 dot lines (no printing)

→ Printing image of 1/2 line (14 dot lines)

→ printing image of 1 line (28 dot lines)

② 5 dot lines

The first 5 dot lines in the 1/2 line (14 dot lines) out of one line are printed in all dots.

- 5 dot lines (printed in all dots)
- 9 dot lines (no printing)

→ Printing image of 1/2 line (14 dot lines)

- 5 dot lines (printed in all dots)
- 9 dot lines (no printing)

→ Printing image of 1/2 line (14 dot lines)

→ printing image of 1 line (28 dot lines)

③ 7 dot lines

The first 7 dot lines in the 1/2 line (14 dot lines) out of one line are printed in all dots.

- 7 dot lines (printed in all dots)
- 7 dot lines (no printing)

→ Printing image of 1/2 line (14 dot lines)

- 7 dot lines (printed in all dots)
- 7 dot lines (no printing)

→ Printing image of 1/2 line (14 dot lines)

→ printing image of 1 line (28 dot lines)

[17] Internal printer print density test

[Function]

This will set the print density of the internal printer.
This setting is kept until the power is off. The setting will return to the default once the power is turned off.

[Operation]

Operation : | x | 0 | 2 | 3 | 5 | SUBTOTAL |

x: 0 = 1.0 time (default)
1 = 1.1 time
2 = 0.9 time

[LCD]

No display

[Print]

No print

[18] Internal printer print density test

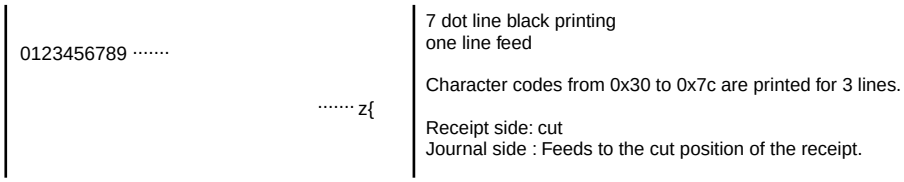
[Function]

Printing is performed to the internal printer receipt/ journal according to the following print format.
This test is performed only once.

[Operation]

Operation : | 4 | 3 | 5 | SUBTOTAL |

[Print]


0123456789 ·····
····· z{
7 dot line black printing
one line feed
Character codes from 0x30 to 0x7c are printed for 3 lines.
Receipt side: cut
Journal side : Feeds to the cut position of the receipt.

[19] RS232C PORT test

[Function]

This is the RS232C test.
The loop back test for RS232C port is performed by making the connection shown in the figure.
Refer to [22] RS232C PORT batch test the figure for RS232C port connection.

[Operation]

Operation : | x | N | 0 | 4 | d | SUBTOTAL |

x: Baud rate selection
0=2400 bps, 1=4800 bps, 2=9600 bps, 3=19.2 kbps, 7=115 kbps (COM 1 only)

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

d: Port selection
1=COM1, 2=COM2, 3=COM3

[Print]

```
COM1                    41
RTS1=1 --> CTS1=1       OK
DTR1=1 --> DSR1=1       OK
DTR1=1 --> CD1=1        OK      ← Displays only COM 1
DTR1=1 --> CI1=1        OK      ← Displays only COM 1
RTS1=0 --> CTS1=0       OK
DTR1=0 --> DSR1=0       OK
DTR1=0 --> CD1=0        OK      ← Displays only COM 1
DTR1=0 --> CI1=0        OK      ← Displays only COM 1
TxD      --> RxD        OK
END                     41
```

[20] RS232C PORT batch test

[Function]

This is the RS232C port batch test.
The loop back test for RS232C port is performed by making the connection shown in the figure.
When performing this test, fix loop back connectors to all COM ports.

[Operation]

Operation : | 4 | | 0 | | SUBTOTAL |

Baud rate: COM1: 115 kbps, COM 2 – 4 : 9600 bps
Check time: one time

[Print]

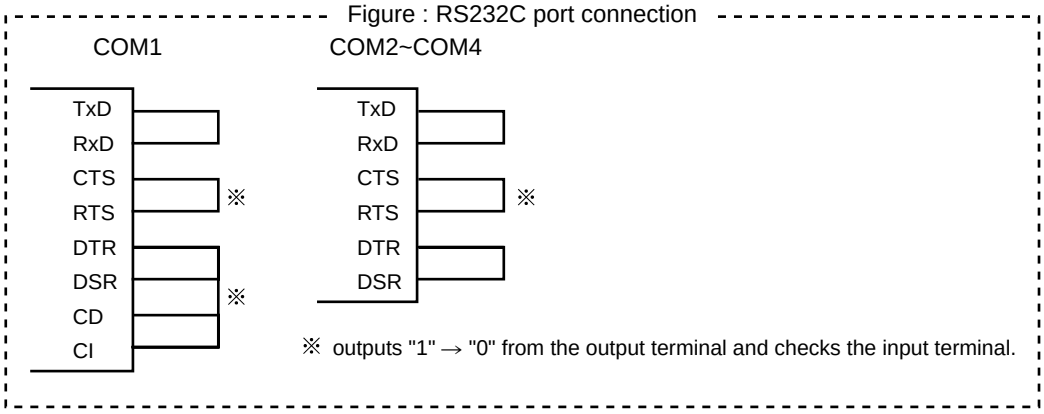
```
COM1                    40
RTS1=1 --> CTS1=1       OK
DTR1=1 --> DSR1=1       OK
DTR1=1 --> CD1=1        OK
DTR1=1 --> CI1=1        OK
RTS1=0 --> CTS1=0       OK
DTR1=0 --> DSR1=0       OK
DTR1=0 --> CD1=0        OK
DTR1=0 --> CI1=0        OK
TxD    --> RxD          OK
RTS2=1 --> CTS2=1       OK
DTR2=1 --> DSR2=1       OK
RTS2=0 --> CTS2=0       OK
DTR2=0 --> DSR2=0       OK
TxD    --> RxD          OK
          ⋮
END                     40
```

COM 1 test result

COM 2 test result

COM3 and COM4 are printed the same way as COM2.

Figure : RS232C port connection

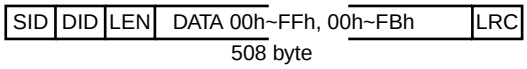


[21] ARCNET test

[Function]

This test will check the counter-communication of ARCNET.
Always make the receive ECR in the wait mode first and then send data from the send ECR.
Continue the test while the communication is done normally.
The counter of the number of receive/send packets to LCD is displayed after the communication normally starts. It is continuously displayed while the communication is done normally.

* send/receive data



1. Normal mode
   When the receive ECR (a=2 below) receives the data normally, the test checks the received data, reverse the received data (FBh – 01h, 00h, FFh – 00h), and sends back the data to the send ECR (a= 1). The send ECR checks the reversed data. (The same repeats hereinafter)
   * Retry
   Receive ECR: Ignores the error until the number of error reaches consecutivel r times. Returns to the wait mode afterwards.
   Send ECR: Sends data one second after the receive ECR does not respond, and retries until r times. Sends an error and ends afterwards.
2. Simultaneous mode
   Checks only the received data when the receive ECR (a=4) receives the data normally.
   The send ECR (a=3) waits for one second and start sending data again. (The same repeats hereinafter)

[Operation]

* Make sure to check the ID upon setting the ID. When changing the ID, turn the power on again.

r	l	l	m	m	x	0	a	5	1	SUBTOTAL

r: the number of retries (1 – 9 times)
Then number of retries will be 5 when 0 or no input.
Note that the retry will be invalid in the simultaneous mode.
ll: ID number of the other ECR
mm: Own ID number
x: Baud rate selection
0=156 kbps, 1=312 kbps
a: Mode selection
1=Send mode, 2=Reception mode, 3=Send mode (Simultaneous)
4=Reception mode (Simultaneous)
The test continues unless an error occurs.
To stop the test, press “C” key.

[7 segment]

c	c	c		r					z

c: communication counter
r: Retry counter (always displays 0 at broadcast)
z: Own ID number
x: ARCNET PORT condition
0:RS485, 1:CAT5

[Print]

```
ARCNET          rIlmmx0a51
END             rIlmmx0a51
```

* Error print

ARCNET RETRY OVER	Selected retry number was exceeded.
ARCNET BLK ERR	Received does not correspond to the sent Block No.
ARCNET DATA ERR	Received data does not correspond to the sent data.
ARCNET LENG ERR	Received data length does not correspond to the sent data length.
ARCNET TIMEOUT	Time out error when starting the ECR or between blocks.
ARCNET OPEN ERR	ARCNET initialization failed.

[22] ARCNET batch test

[Function]

This test will perform the ARCNET counter communication with the fixed set value.
Connect the two ECRs and perform the counter communication test.
The number of retries will be displayed in the upper right corner of the LCD.

[Operation]

* Send ECR

Operation : | 1 | 5 | 0 | SUBTOTAL |

Fixed set value
ID of the other ECR: 01, Own ID: 02
Mode selection: send mode
Baud rate: 312 kbps
The number of retries = 5

* Receive ECR

Operation : | 2 | 5 | 0 | SUBTOTAL |

Fixed set value
ID of the other ECR: 02, Own ID : 01
Mode selection: receive mode
Baud rate: 312 kbps
The number of retries = 5

[Print]

Refer to [21] ARCNET test for the error print.

[23] Time setting

[24] Time display

[Function]

This sets the time and date.
When setting the time, the time and date will be displayed without inputting the fixed value.

[Operation]

* Date and time setting

Operation : [x1] [x2] [x3] [x4] [x5] [x6] [0] [a] [7] [0] [SUBTOTAL]

a: 0: time setting x1/x2: time, x3/x4: minutes, x5/x6: second
1: time setting x1/x2: year, x3/x4: month, x5/x6: day
The test will be done one time.

* Date and time display

Operation : [7] [0] [SUBTOTAL]

To stop the operation, press “Esc” key. Date and time will be continuously displayed until “C” is pressed.

[Print]

DATE/TIME	70
DATE/TIME	YY/MM/DD HH:MM-SS
END	70

Each data will be printed only when setting the date and time.

[25] Drawer open test

[Function]

This test will check the drawer open function.
The test ends by the judgment of the operator either by OK or NG only when the one time check is selected.

[Operation]

Operation : [x] [n] [0] [9] [1] [SUBTOTAL]

x: 0 = All drawers open (can be omitted)
1 = Drawer 1 open
(The input numbers, for example, 2 and 3, correspond to the drawer numbers. Up to drawer 4 can be tested.)
n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)
* When the continuous check is selected, the drawer opens every 2 seconds.
* The following “OK” or “NG” key can be used in case of one time check.
”OK” = 1
”NG” = 9

[Print]

DRW	xn091
DRW ALL	OK
END	xn091

[26] Buzzer test

[Function]

This test will check the buzzer function.
Ring the one-shot buzzer.

[Operation]

Operation : [n] [0] [9] [2] [SUBTOTAL]

n: 0 = One time check (can be omitted)
not 0 = Continuous check (To stop the test, press “C” key)

[Print]

```
BUZZ            n092
END             n092
```

[27] KEY dipsplay

[Function]

The key codes for all keys except “Esc” key which are pressed down are displayed.
The key codes are located as shown in the following figure.
Note that “RF” and “JF” do not respond when pressed down during this test.

[Operation]

Operation : [9] [4] [SUBTOTAL]

To stop the test, press “C” key.

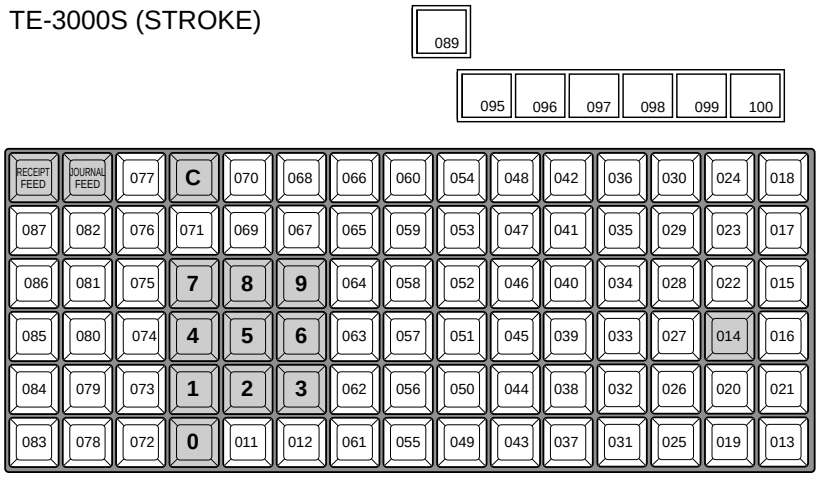
[LCD]

[Print]

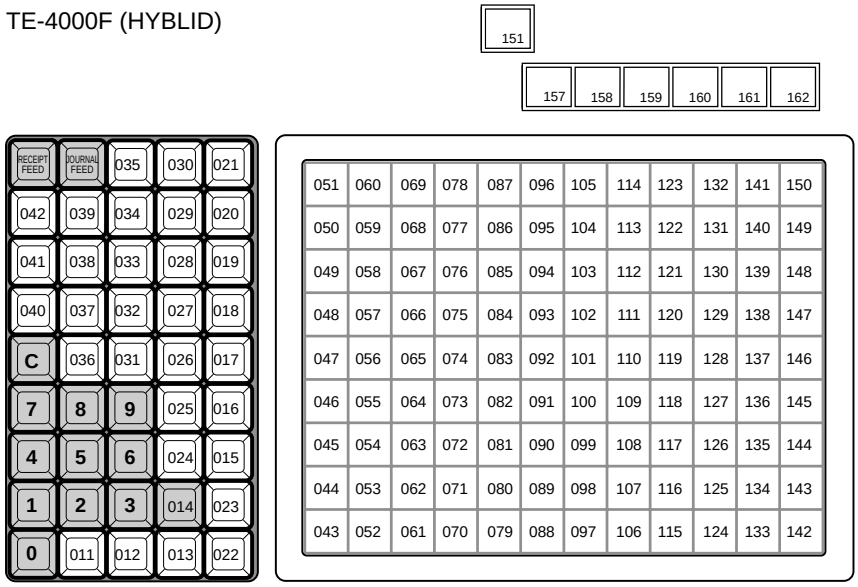
No printing is done in this test.

[Location of the key code]

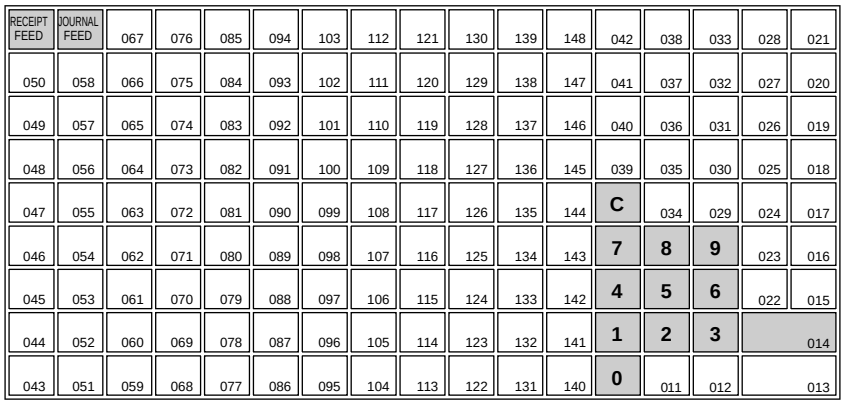
TE-3000S (STROKE)



TE-4000F (HYBLID)



TE-4500F (FULL FLAT)

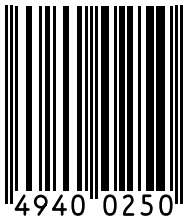


[28] OBR test

[Function]

This is a scanner test. The test enters the wait mode for the scanner input, and waits only for scanner. The test determines the result between OK and NG by comparing the fixed data and the read data. Make sure to connect OBR (HHS-15) to COM 2.

* The fixed barcode is as follows.



[Operation]

Operation : 9 5 SUBTOTAL

To stop the test, press “Esc” key.

[Print]

```
OBR        95
OBR        OK
OBR        **********
END        95
```

10. ERROR CODE LIST

Prompt message	Meaning	Action
E001 Wrong mode	Mode switch position changed before finalization.	Return the mode switch to its original setting and finalize the operation.
E003 Wrong operator	Clerk button pressed before finalization of a registration being performed under another clerk button. The signed on clerk differs from the clerk performed the tracking check registration.	Press the original clerk button and finalize the transaction before pressing another clerk button. Input correct check number or assign the proper clerk number.
E004 Error INIT/FC	Initialization or unit lock clear operation in progress.	Complete operation.
E005 Insufficient memory	Memory allocation exceeds total memory capacity.	Reallocate memory or expand memory (if possible).
E008 Please sign on	Registration without entering a clerk number.	Enter a clerk number.
E009 Enter password	Operation without entering the password.	Enter password.
E010 Close the drawer	The drawer is left open longer than the program time (drawer open alarm).	Close the drawer.
E011 Close the drawer	Attempt to register while the cash drawer is open.	Shut the cash drawer.
E015 Check R/J printer	Printer error	
E016 Change back to REG mode	Two consecutive transactions attempted in the refund mode.	Switch to another mode and then back to the RF mode for the next transaction.
E017 Enter CHK/TBL number	Attempt made to register an item without inputting a check number.	Input a check number.
E018 Enter Table number	Attempt made to register an item without inputting a table number.	Input a table number.
E019 Enter number of customers	Finalize operation attempted without entering the number of customer.	Enter the number of customer.
E021 No Dept Link	No department linked PLU is registered.	Correct the program.
E023 Stock shortage	Actual stock quantity becomes less than the minimum stock quantity.	Perform stock maintenance.
E024 No stock	Actual stock quantity becomes/is negative.	Perform stock maintenance.
E025 Illegal scale read or entry	Scale read error/perform non-scale registration to scalable item.	Retry registration/register to a proper department or PLU.
E026 Enter condiment/ preparation PLU	No condiment/preparation PLU is registered.	Register condiment/preparation PLU.
E029 In the tender operation	Item registration is prohibited, while partial tender.	Finalize the transaction.
E030 Press RATE TAX key	Finalization of a transaction attempted without registering rate-tax.	Register <RATE TAX>.
E031 Press ST key	Finalization of a transaction attempted without confirming the subtotal.	Press <SUBTOTAL>.
E032 Press FSST key	Finalization of a transaction attempted without confirming of the food stamp subtotal.	Press <FS/ST>.
E033 Enter tendered amount	Finalize operation attempted without entering amount tender.	Enter the amount tendered.
E035 Change amount exceeds limit	Change amount exceeds preset limit.	Input amount tendered again.
E036 Remove money from the drawer	Contents of the drawer exceed programmed limit.	Perform pick up operation.
E037 Digit or amount limitation over	High amount lock out/low digit lock out error	Enter correct amount.

Prompt message	Meaning	Action
E038 Perform money declaration	Read/reset operation without declaring cash in drawer. This error appears only when this function is activated.	Perform money declaration.
E040 Issue guest receipt	Attempt to register a new transaction without issuing a guest receipt.	Issue a guest receipt.
E041 Print validation	Attempt to register a new transaction without validation.	Perform validation operation.
E042 Insert VLD paper and retry	Validation paper (slip printer) has run out.	Insert new validation paper.
E044 Print cheque	Attempt to register a new transaction without printing check.	Perform check print.
E045 Print Check Endorsement	Attempt to register a new transaction without printing check endorsement.	Perform check endorsement.
E046 REG buffer full	Registration buffer full. Separate check buffer full.	Finalize the transaction. Allocate sufficient separate check buffer.
E047 Print bill	Attempt to register a new transaction without printing slip.	Perform slip printing operation.
E048 Insert slip paper and retry	No paper is inserted or paper is out in the slip printer.	Insert new slip paper.
E049 CHECK memory full	Check tracking index memory full.	Finalize and close the check number currently used.
E050 DETAIL memory full	Check tracking detail memory full.	Finalize and close the check number currently used.
E051 CHK/TBL No. is occupied	Attempt to made use <New Check> to open a new check using a number that is already used for an existing check in check tracking memory.	Finalize and close the check that is currently under the number that you want to use or use a different check number.
E053 CHK/TBL No. is not opened	Attempt made to use <Old Check> reopen a new check using a number that is not used for an existing check in check tracking memory.	Use the correct check number (if you want to reopen a check that already exists in check tracking memory) or use <New Check> to open a new check.
E054 Out of CHK/TBL No. range	Check number range over.	Enter correct number.
E055 In the SEP CHK operation	Normal registration is prohibited during separate check operation.	Terminate separate check operation.
E059 Press EAT-IN or TAKE-OUT key	Attempt to finalize a transaction without specifying <EA-TIN> or <TAKE-OUT>.	Press <EAT-IN> or <TAKE-OUT>.
E060 Printer offline	External printer offline	
E061 Printer error	External printer went down.	
E062 Printer paper end	External printer paper end	Replace new paper.
E063 Printer busy	External printer is now printing.	
E064 Print buffer full	Printing buffer full	
E066 Print from the beginning of the transaction	Attempt to print the last separated transaction on slip.	Print from the beginning of the transaction
E075 Negative balance cannot be finalized	Attempt to finalize a transaction when balance is less than or equal to zero.	Register item(s) until the balance becomes positive amount.
E085 Data exist in consolidation file	Data exists in the consolidation file.	Clear the data.
E099 Check NFP items	Disable to read/reset or consolidate the not found PLU item.	

Prompt message	Meaning	Action
E100 Operate at the master terminal	Prohibit master operation.	Perform it at master terminal.
E101 PLU maintenance file full. Press <#2> to exit	Scanning PLU direct maintenance/batch maintenance file becomes full.	Terminate the maintenance.
E105 PLU file full	Scanning PLU/not found PLU file full	
E106 Item exists in the PLU FILE	The designated item has already existed in the scanning PLU file.	Modify the designated item.
E121 Inline startup error	Network startup error.	
E139 Negative balance is not allowed	Attempt to register <–> or <CPN> when the balance becomes negative.	Enter proper minus/coupon amount.
E140 Wrong menu	This sheet holder is prohibited by PGM.	Set correct sheet holder.
E146 Arrangement file full	Arrangement file is full.	Set the arrangement properly.
E200 Insert CF card	No CF card is set.	Set CF card.
E203 Insufficient memory	Insufficient memory in the CF card.	Use a vacant (formatted) CF card.
E205 File already exist.	Can not write, because designated file has already been in the CF card.	Check the operation and retry.

System error code

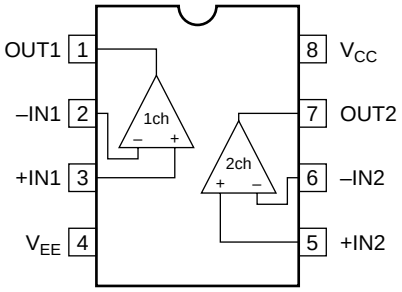
Error code	Meaning
File I/O errors	
750	File cannot be created.
751	No designated drive
752	FCB area shortage of flash memory
753	No appropriate record number is designated.
754	No partation exists.
755	No vacant record is remained.
756	Changing is not permitted.
757	The designate file cannot be found.
758	The same file has already existed.
759	The same page has already existed.
760	No vacant record is remained.
762	The contents of internal memory and CF card are different.
763	The contents of scanning PLU file amoung the master/satellite terminals are different.
764	Write error
Flash (Memory cassette) I/O errors	
781	CF card device error
783	CF card format error
785	No designated file
788	The file is already existed in the memory cassette.
Communication errors	
2000	Network join error
2001	Inline port open error
2002	Inline synchrinize error
2003	Inline command error
2004	Time over
2005	Parameter error
2006	Time out
2007	ID number over error
2008	Packet error
2009	ID
2010	WAK receive error
2011	Packet type error
2012	Sequence error
2013	Packet format error
2014	Time over (5 seconds)
2015	User time out
2016	Other communication error
2017	Not found PLU area error
2018	Online port open error
2019	No response
2020	File not found
2021	File creat error

Error code	Meaning
2022	File I/O error
2023	Retry error
2024	Receive SYN error
2025	Receive FIN error
2026	FIN is in sending sequence whole recalling n_write()
2027	Irregal format
2028	Irregal command
2029	Busy with response
2030	Communication abortion
2031	Online receiving hardware error
2032	Inline receiving hardware error
2033	Online receiving overrun
2034	Online sending hardware error
2035	Inline sending hardware error
2036	Token is not detected while sending
2037	Time over while detecting DSR ON
Program data send/receive (auto-program) errors	
2100	Command code error
2101	Index format error
2102	Machine ID number error
2103	Maximum record number error
Mail box function errors	
2300	Mail box full error
2301	Job number error
Other errors	
2900	Break operation
2901	Password error
2902	I/O parameter program error
Logic driver initialize common errors	
5000	Parameter error (Irregal information of I/O parameter)
5001	No connection (Irregal information of I/O parameter)
5010	Logical driver COM open error
5011	Logical driver COM double open
5012	Logical driver COM not open
5013	Logical driver COM device error
5014	Logical driver COM remain data error
MODEM errors	
5300	MODEM initialize error
5301	MODEM open error
5302	Negotiation error
5303	AT command sending error
5304	Control ER error
5305	Receive status error

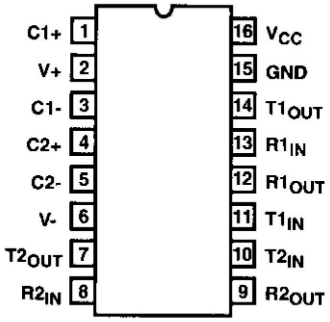
11. IC DATA

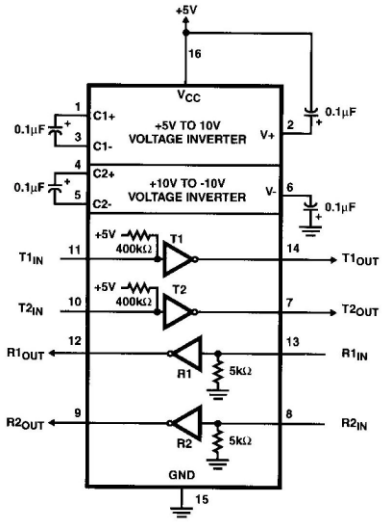
■ MAIN PCB (E466-1 PCB)

1. BA10393F-E2 (IC6, 31)

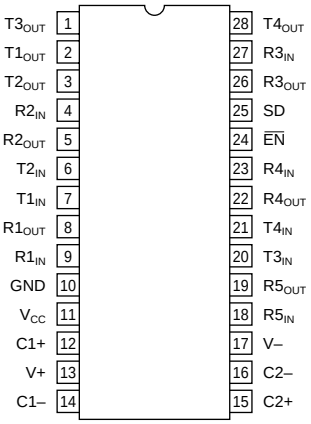


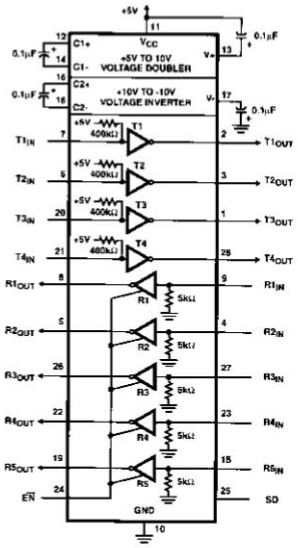
2. HIN202CBN-T (IC1)



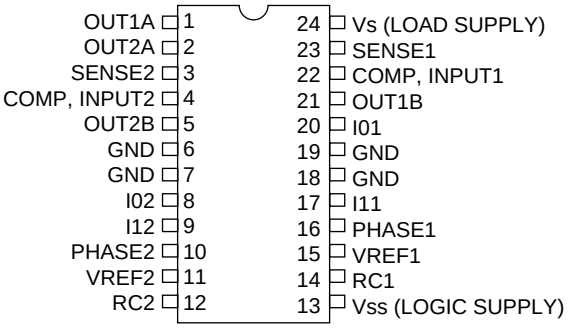


3. HIN211CA-T (IC3,4)

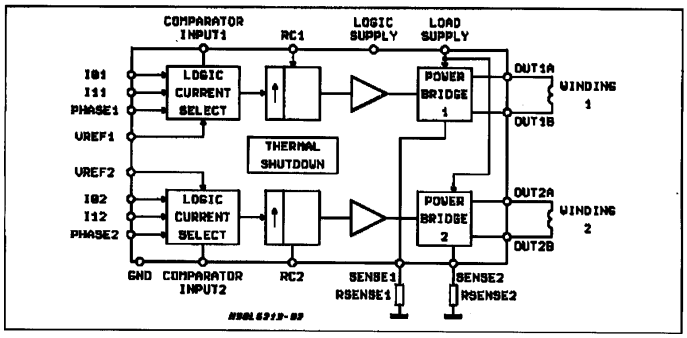




4. L6219DS (IC10,11)



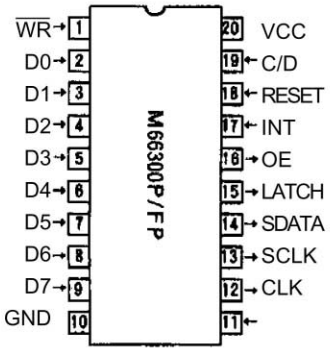
BLOCK DIAGRAM

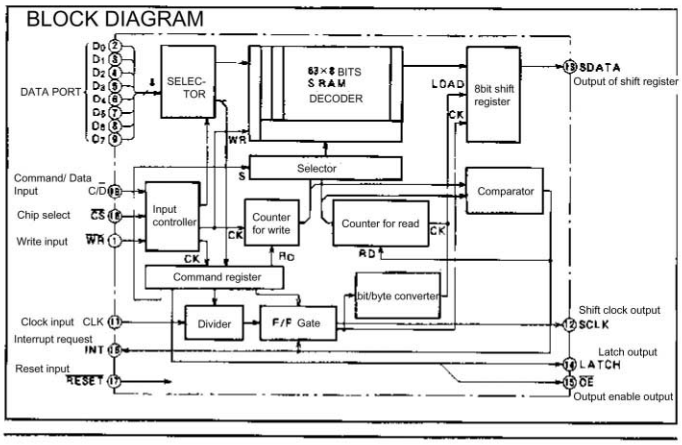


PIN FUNCTIONS

PLCC (*)	PDIP & SO	Name	Function
1;2	1;2	OUTPUT A	See pins 5;21.
4;42	3;23	SENSE RESISTOR	Connection to Lower Emitters of Output Stage for Insertion of Current Sense Resistor.
5;41	4;22	COMPARATOR INPUT	Input connected to the comparators. The voltage across the sense resistor is feedback to this input throught the low pass filter RC CC. The higher power transistors are disabled when the sense voltage exceeds the reference voltage of the selected comparator. When this occurs the current decays for a time set by R_T C_T (t_{off} = 1.1 R_T C_T). See fig.1.
8;38	5;21	OUTPUT B	Output Connection. The output stage is a “H” bridge formed by four transistors and four diodes sultable for switching applications.
6;7;17	6;19	GROUND	See pins 7;18.
29;39; 40	7;18	GROUND	Ground Connection. With pins 6 and 19 also conducts heat from die to printed circuit copper.
16;37	8;20	INPUT 0	See INPUT 1 (pins 9;17).
19;30	9;17	INPUT 1	These pins and pins 8;20 (INPUT 0) are logic inputs which select the outputs of the comparators to set the current level. Current also depends on the sensing resistor and reference voltage. See Functional Description.
20;27	10;16	PHASE	This TTL-compatible logic Inputs sets the direction of current flow through the load. A high level causes current to flow from OUTPUT A (source) to OUTPUT B (sink). A schmitt trigger on this input provides good noise immunity and a delay circuit prevents output stage short circuits during switching.
21;26	11;15	REFERENCE VOLTAGE	A voltage applied to this pin sets the reference voltage of the comparators, this determining the output current (also thus depending on Rs and the two inputs INPUT 0 and INPUT 1).
22;25	12;14	RC	A parallel RC network connected to this pin sets the OFF time of the higher power transistors. The pulse generator is a monostable triggered by the output of the comparators (t_{off} = 1.1 R_T C_T).
24	13	V_{SS}-LOGIC SUPPLY	Supply Voltage Input for Logic Circuitry.
44	24	V_S-LOAD SUPPLY	Supply Voltage Input for the Output Stages.

5. M66300FP-201 (IC26)



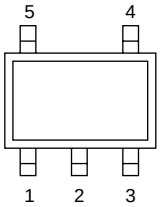


FUNCTION TABLE

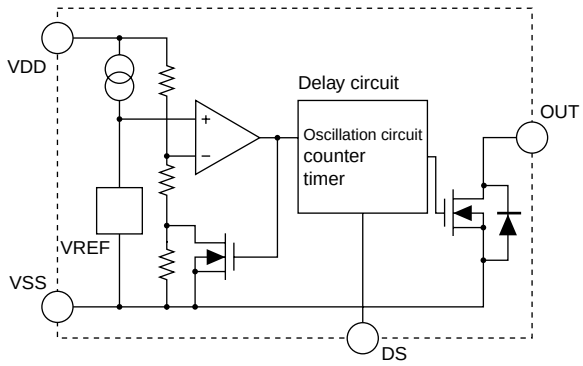
Command	R	CS	C/D	WR	D7	D6	D5	D4	D3	D2	D1	D0	SCLK	SDATA	INT	OE	LATCH	NOTE
–	0	×	×	×	×	×	×	×	×	×	×	×	0	0	1	1	0	Reset IC
–	1	1	×	×	×	×	×	×	×	×	×	×	*1	*1	*1	*2	*2	Memory data is not changed.
1	1	0	1	↑	1	0	0	0	×	×	×	×	0	0	1			Clock
					1	0	0	1					0	0	1			1/2 clock
					1	0	1	0					0	0	1			1/4 clock
					1	0	1	1					0	0	1			1/8 clock
					1	1	0	0					0	0	1			1/16 clock (Clock Divider will select when the data D7 is "H".)
2			1	↑	0	×	×	×	0	×	×	0	0	0	1			WRITE MODE SET
			0	↑	×	×	×	×	×	×	×	×	0	0	1			WRITE / Byte (WRITE MODE)
3			1	↑	0	×	×	×	0	×	×	1	*3	*4	1			SERI. OUT MODE SET
		*5	×	×	×	×	×	×	×	×	×	×	*3	*4	1			SERI. OUT / Bit
		*5	×	×	×	×	×	×	×	×	×	×	0	0	0			SERI. OUT Completed (SERI. OUT MODE)
4		0	1	↑	0	×	×	×	1	D2	D1	×	0	0	1	D2	D1	OE, LATCH, INT Release

NOTE : *1 : In the serial output mode, *3 and *4 are the same operation. In the othermode, output is not changed.
*2 : Output is not changed.
*3 : Selected the CLOCK divided pulse by the command 1 will be output by the high eadge of the Write signal.
*4 : SDATA(n) will be output by the low eadge of the (n-1) SCLK pulse.
*5 : When WR is "0", it is "0". When WR is "1", do not care.
× : Do not care.

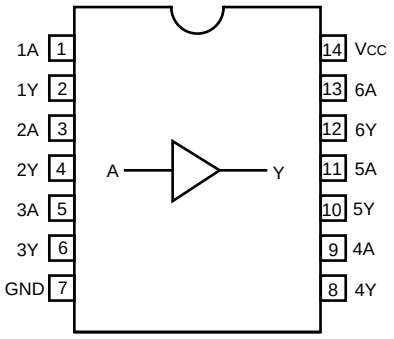
6. S-80123BNMC-JGI-T2 (IC42)



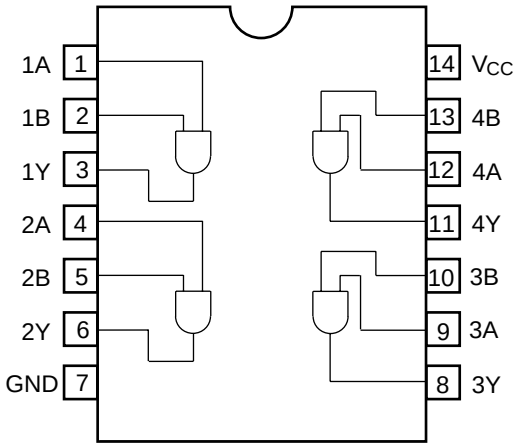
PIN NO.	PIN NAME	Function
1	DS	Delay time ON/OFF switch PIN
2	VSS	GND
3	NC	Not used
4	OUT	OUTPUT POWER SUPPLY DETECTOR
5	VDD	INPUT POWER SUPPLY



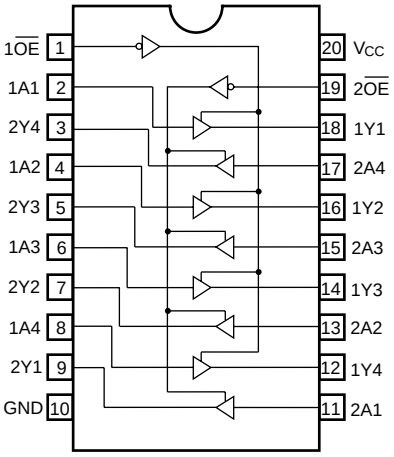
7. SN74AHC1G04DCKR (IC19)



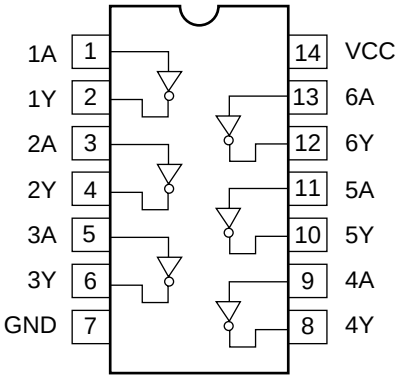
8. SN74AHCT08PWR (IC32)



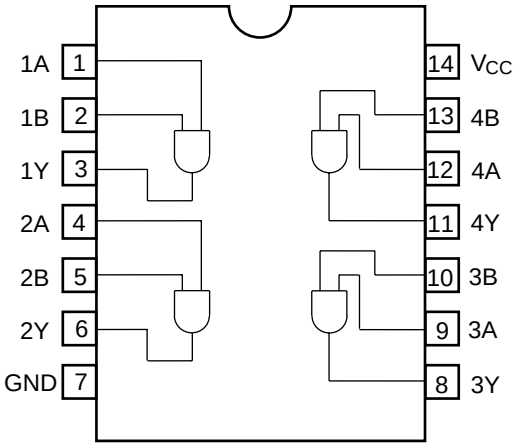
9. SN74AHCT244PWR (IC34)



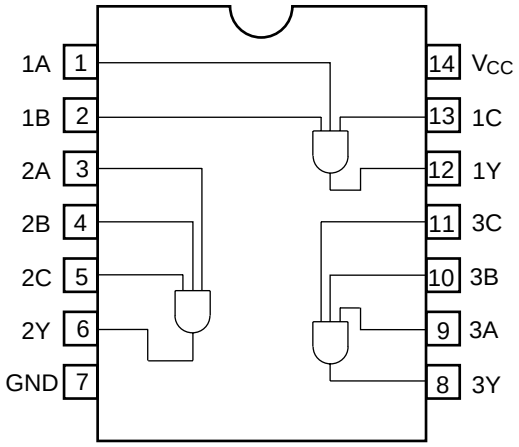
10. SN74LV04APWR (IC14)



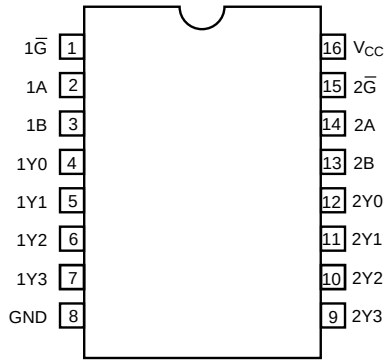
11. SN74LV08APWR (IC17, 22)



12. SN74LV11APWR (IC15)



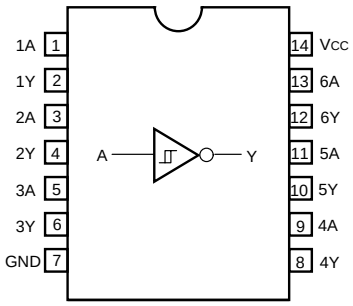
13. SN74LV139APWR (IC8)



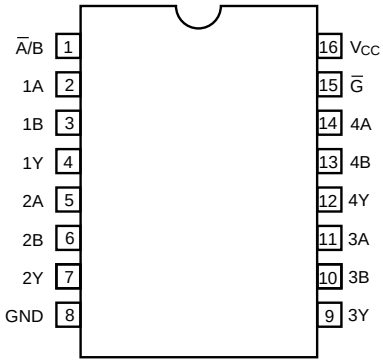
FUNCTION TABLE

INPUTS			OUTPUTS			
$\overline{G}$	SELECT					
	B	A	Y0	Y1	Y2	Y3
H	X	X	H	H	H	H
L	L	L	L	H	H	H
L	L	H	H	L	H	H
L	H	L	H	H	L	H
L	H	H	H	H	H	L

14. SN74LV14APWR (IC5)



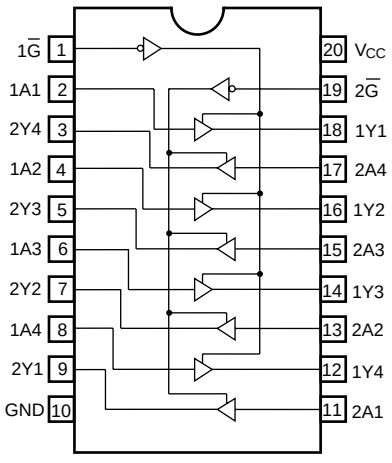
15. SN74LV157APWR (IC2)



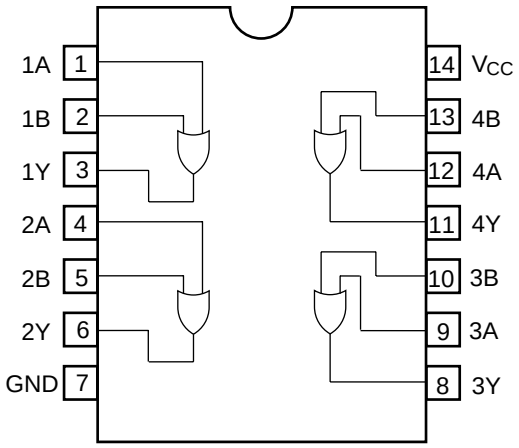
FUNCTION TABLE

INPUTS				OUTPUT Y
$\overline{G}$	SELECT $\overline{A}$/B	DATA		
		A	B	
H	X	X	X	L
L	L	L	X	L
L	L	H	X	H
L	H	X	L	L
L	H	X	H	H

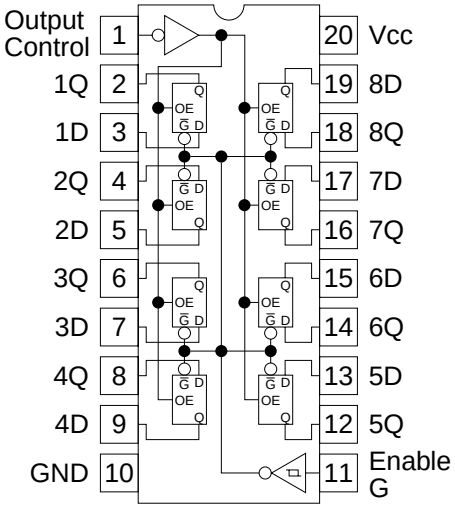
16. SN74LV244APWR (IC7)

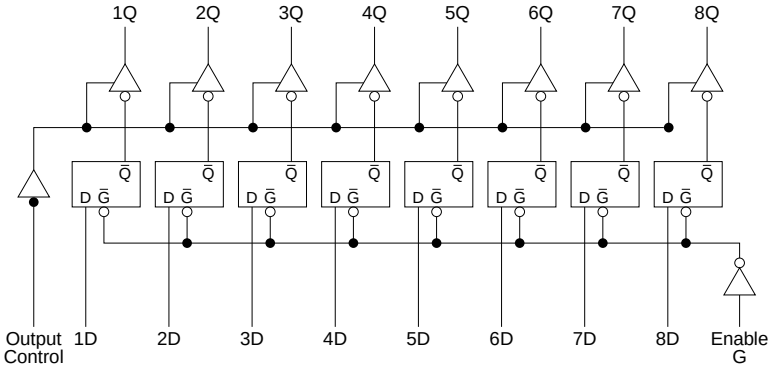


17. SN74LV32APWR (IC9, 13)

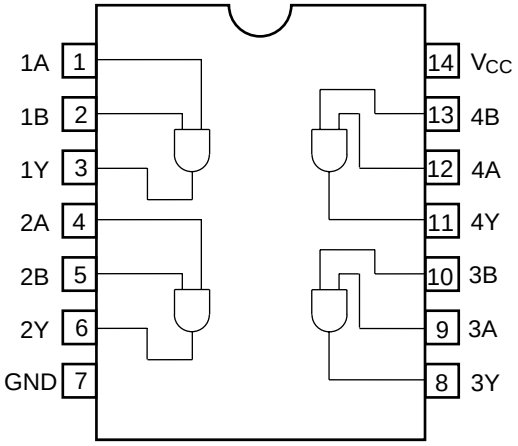


18. SN74LV373APWR (IC33)

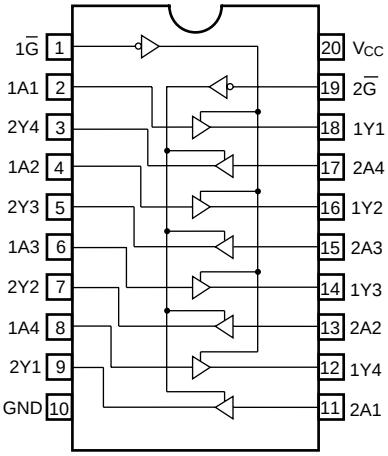




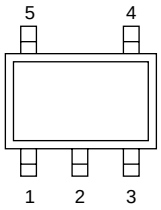
19. SN74LVC08APWR (IC27)



20. SN74LVC244APWR (IC35, 36)



21. XC6201P332MR (IC25)

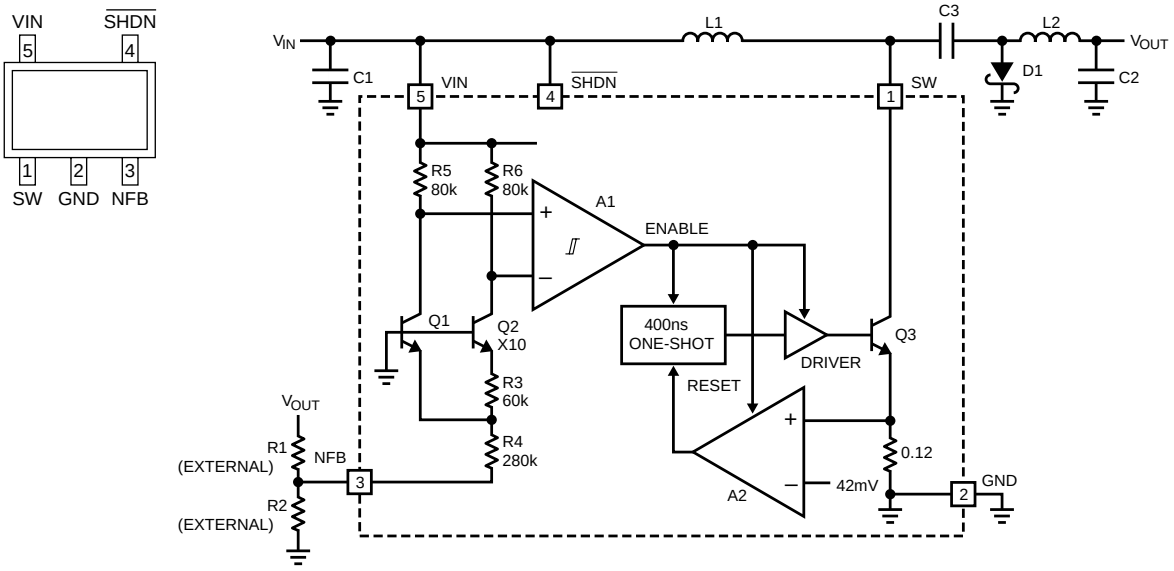


PIN NO.	PIN NAME	Function
1	VIN	INPUT POWER SUPPLY
2	VSS	GND
3	NC	Not used
4	NC	Not used
5	VOUT	OUTPUT PIN

■ CMOS structure: Low consumption current
■ Input/output potential difference: 100mA: 0.16V
200mA: 0.40V
■ Output current: 250mA (VOUT = 5.0V, TYP)
■ High precision: ± 2%
■ Output voltage range: 1.3 ~ 6.0V

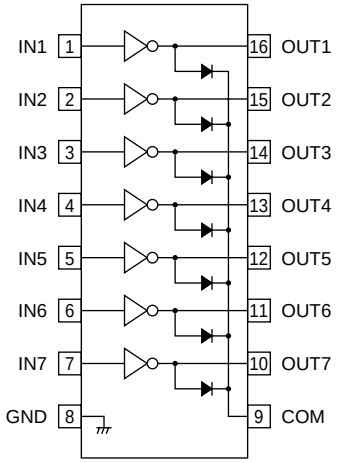
■ BACK LIGHT BLOCK(E468-E2 PCB)

22. LT1617ES5-1#TR (IC1)

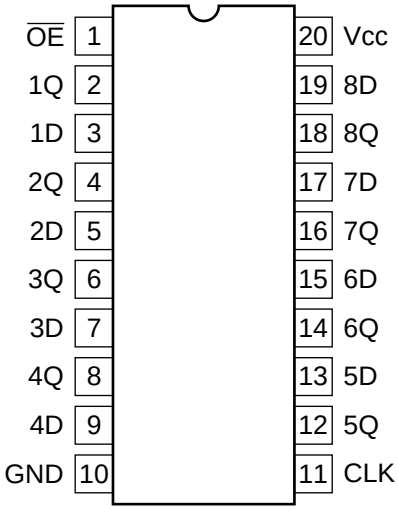


■ CLERK SWITCH PCB (E466-E6 PCB)

23. BA12003BF-E2 (IC4, 5)

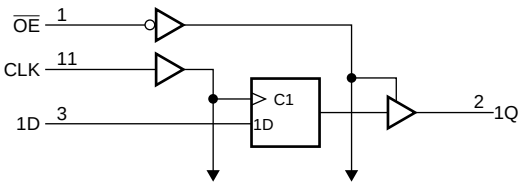


24. SN74LV374APWR (IC1 ~ 3)



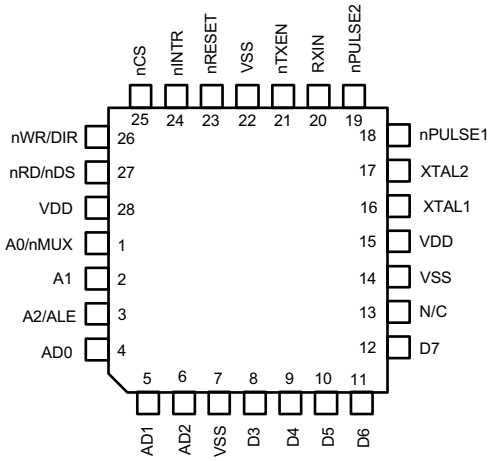
FUNCTION TABLE

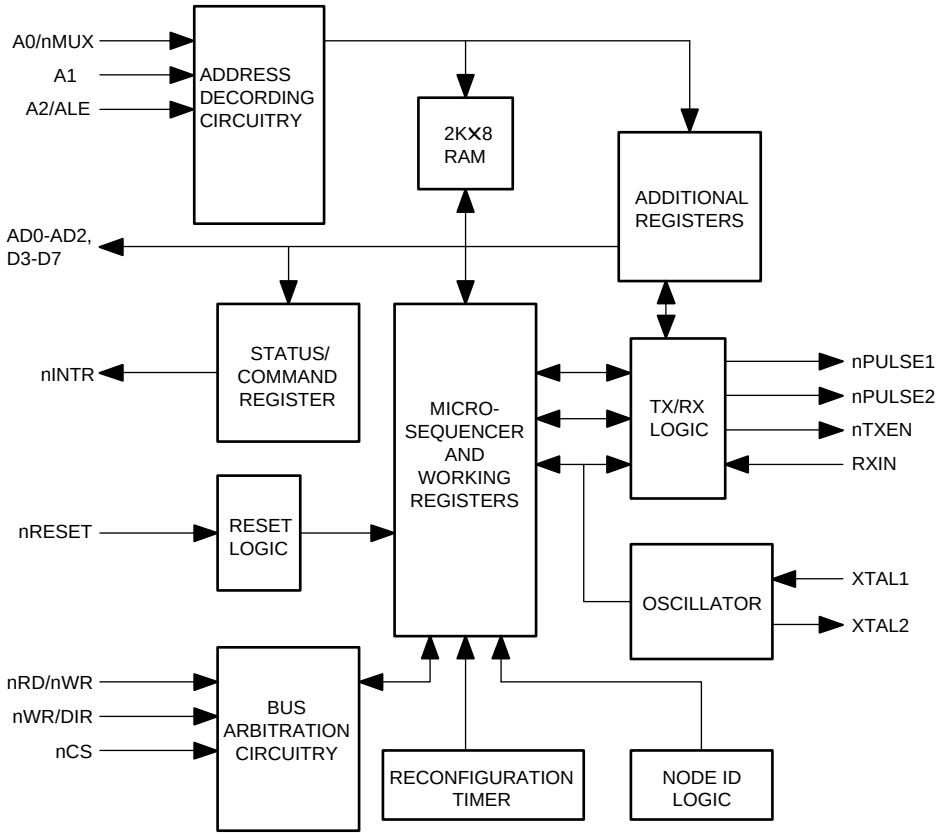
INPUTS			OUTPUT
$\overline{OE}$	CLK	D	Q
L	↑	H	H
L	↑	L	L
L	L	X	Q_0
H	X	X	Z



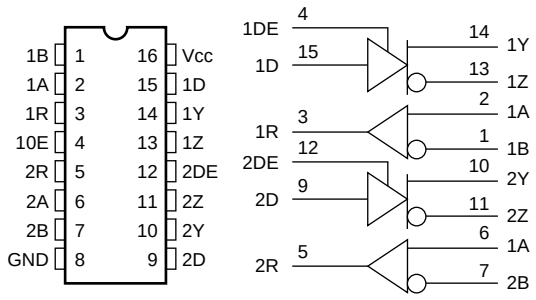
■ ARCNET IN-LINE PCB (E466-ARC PCB)

25. COM20019ILJP (IC2)

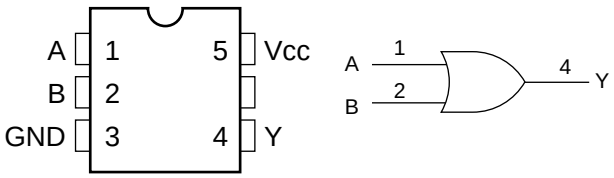




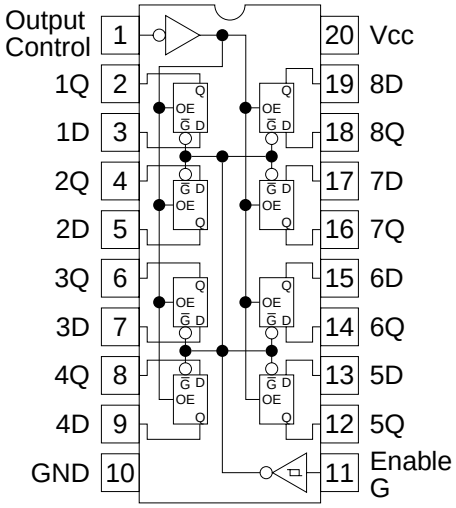
26. SN751178NSR (IC3)

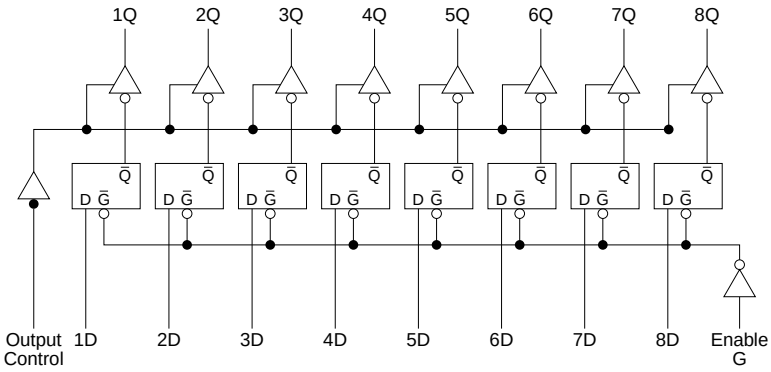


27. SN74AHC1G32DCKR (IC4)



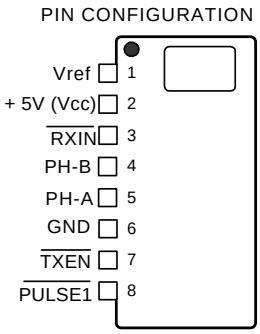
28. SN74LV373APWR (IC1)

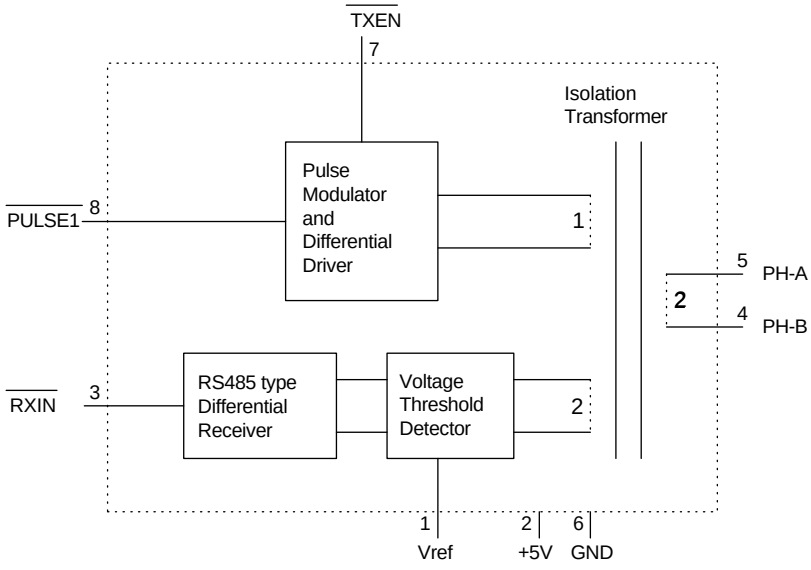




■ CAT5 PCB (E468-ARC PCB)

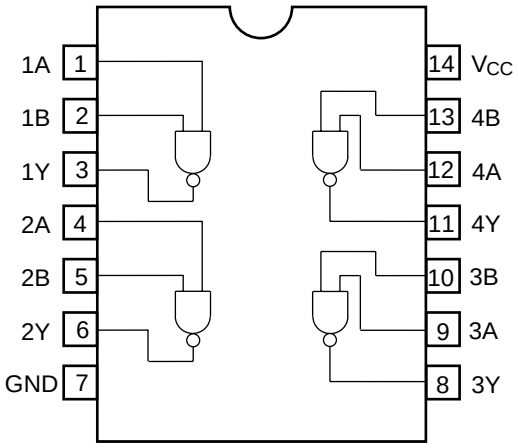
29. HYC2000 (IC1)





■ EXTENDED RAM PCB (E468-RAM PCB)

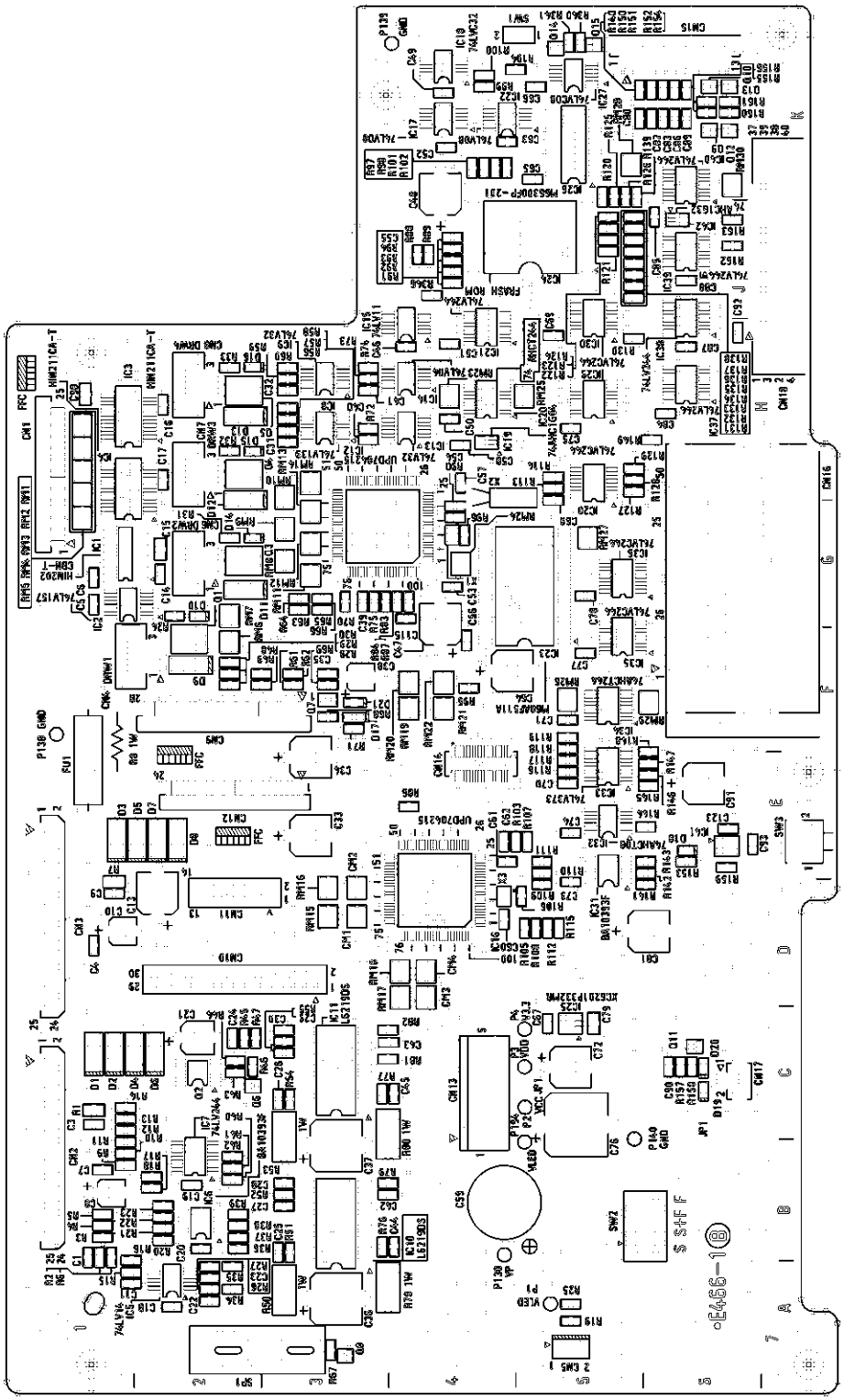
30. SN74LV00APWR (IC1)



12. PCB LAYOUT

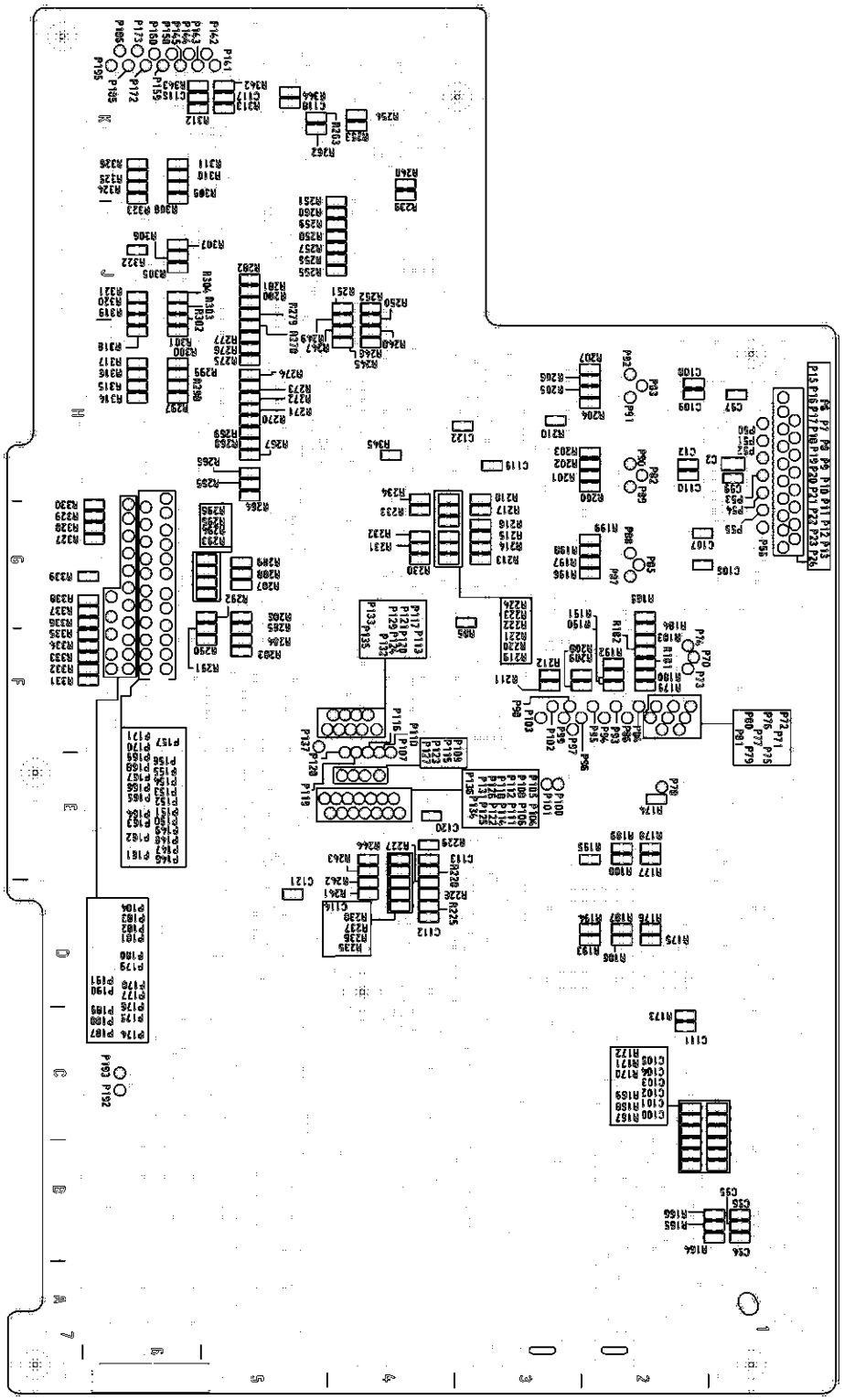
MAIN PCB (E466-1 PCB)

(TOP VIEW)



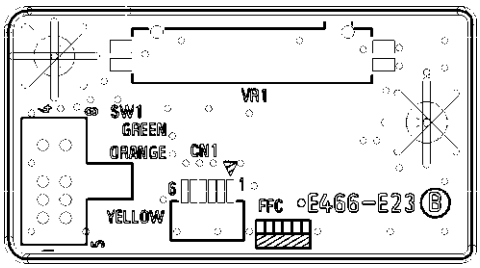
MAIN PCB (E466-1 PCB)

(BOTTOM VIEW)

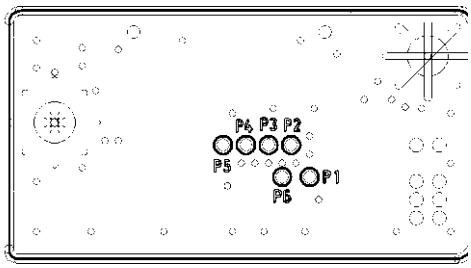


MAIN PCB (E466-E23 PCB)

(TOP VIEW)

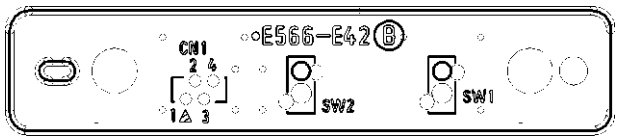


(BOTTOM VIEW)

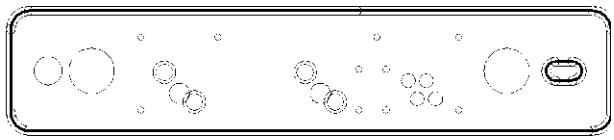


MAIN PCB (E466-E23 PCB)

(TOP VIEW)



(BOTTOM VIEW)



13. CIRCUIT DIAGRAM

MODEL : TE-3000S/4000F/4500F

(EX-466/566/567)

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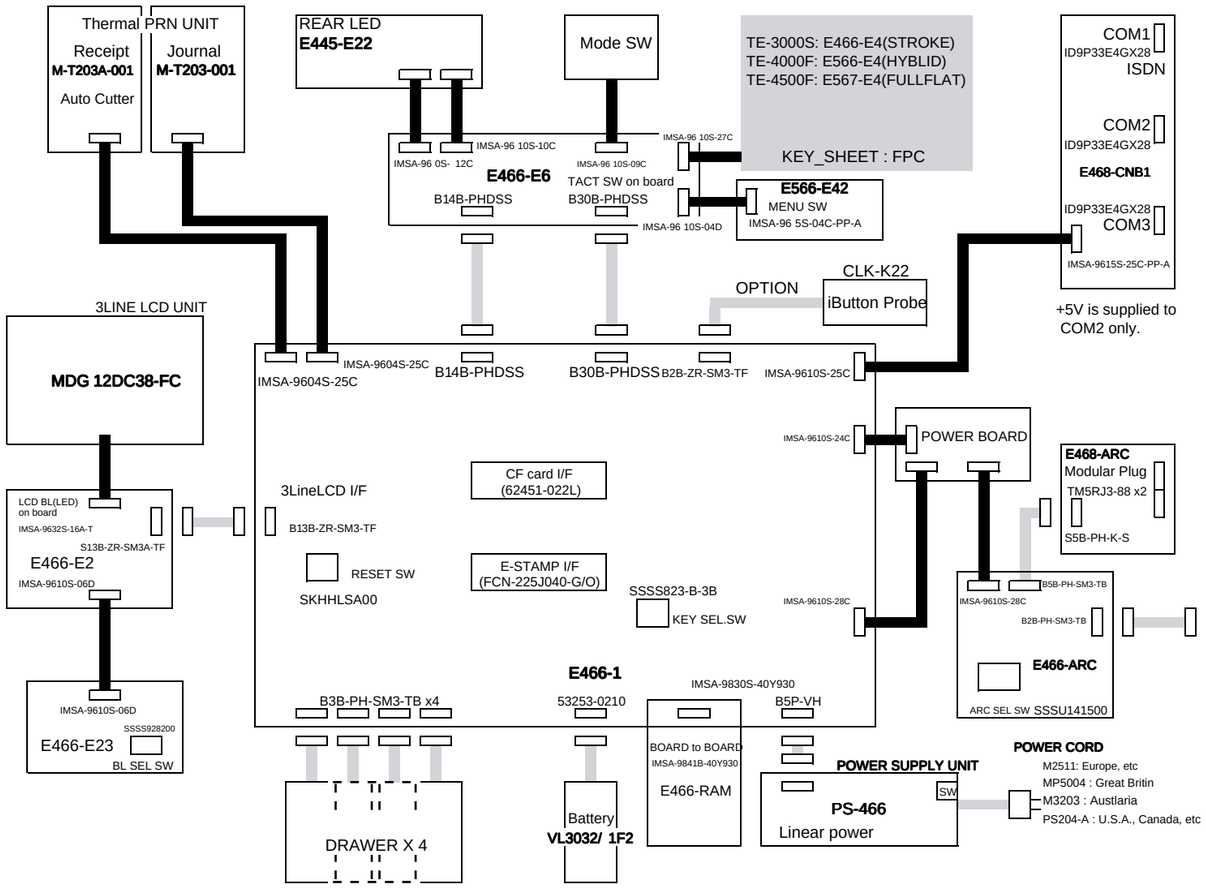


TE-3000S: E466-E4 (STROKE)

RECEIPT FEED	JOURNAL FEED	C	X	VOID		RC	PD	6	12	18	24	MENU SHIFT	ESC/ SKIP
RECEIPT	OPEN					PRICE	LIST#	5	11	17	23	CR 1	CR 2
MEDIA CHANGE	#/NS	7	8	9		COVERS	TABLE TRANS	4	10	16	22	CH	CHK/ TEND
% –	PLU	4	5	6	NO	↑	PAGE UP	3	9	15	21	NEW/OLD CHK	NB
—		1	2	3	←	HOME	→	2	8	14	20	SUB TOTAL	
RF	CANCEL	0	00	•	YES	↓	PAGE DOWN	1	7	13	19	CA ⁄	AMT TEND

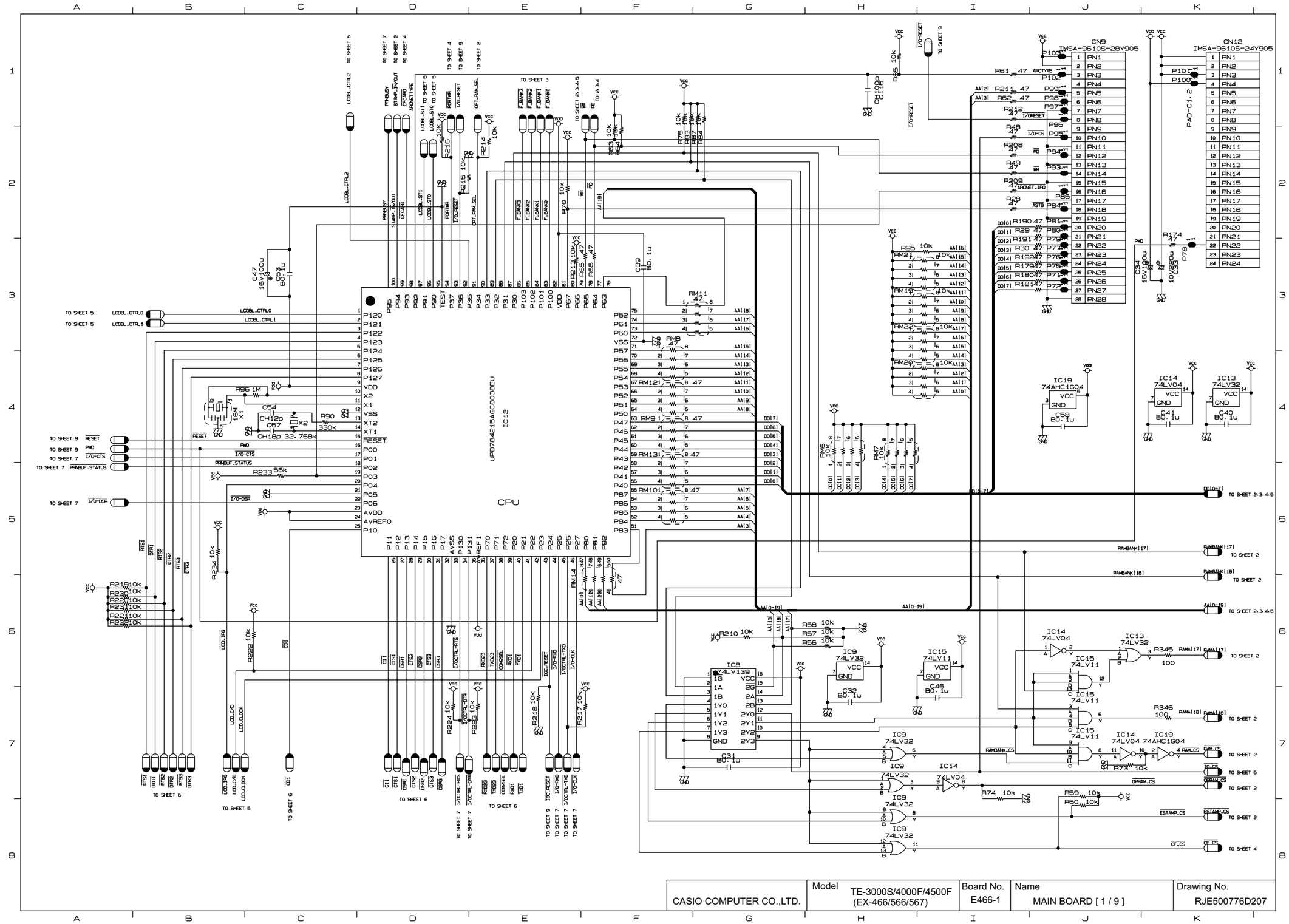
TE-4000F: E566-E4 (HYBLID)

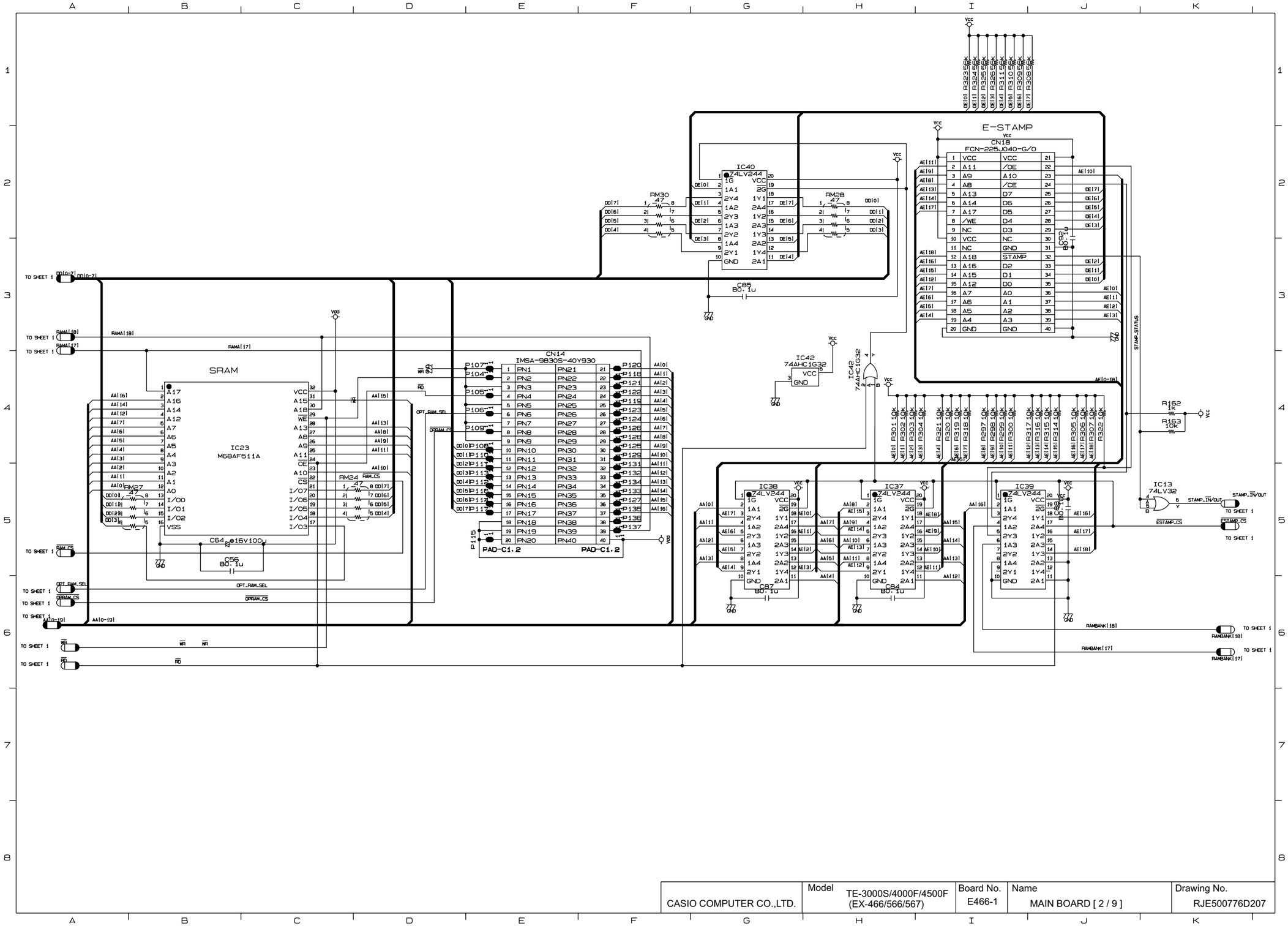
RECEIPT FEED	JOURNAL FEED	RC	PD	ESC/ SKIP	9	18	27	36	45	54	63	72	81	90	99	108
RECEIPT	OPEN	NO	↑	PAGE UP	8	17	26	35	44	53	62	71	80	89	98	107
MENU SHIFT	—	←	HOME	→	7	16	25	34	43	52	61	70	79	88	97	106
RF	%—	YES	↓	PAGE DOWN	6	15	24	33	42	51	60	69	78	87	96	105
C	X	VOID	CANCEL	#/NS	5	14	23	32	41	50	59	68	77	86	95	104
7	8	9	CR	CHK/ TEND	4	13	22	31	40	49	58	67	76	85	94	103
4	5	6	NEW/ OLD CHK	NB	3	12	21	30	39	48	57	66	75	84	93	102
1	2	3	SUB TOTAL		2	11	20	29	38	47	56	65	74	83	92	101
0	00	.	CA/AMT TEND		1	10	19	28	37	46	55	64	73	82	91	100

TE-8500F: E567-E4 (FULL FLAT)

RECEIPT FEED	JOURNAL FEED	25	34	43	52	61	70	79	88	97	106	RECEIPT	MENU SHIFT	RC	PD	ESC/ SKIP
8	16	24	33	42	51	60	69	78	87	96	105	COVERS	TABLE TRANS	NO	↑	PAGE UP
7	15	23	32	41	50	59	68	77	86	95	104	%—	—	←	HOME	→
6	14	22	31	40	49	58	67	76	85	94	103	RF	OPEN	YES	↓	PAGE DOWN
5	13	21	30	39	48	57	66	75	84	93	102	C	X	VOID	CANCEL	#/NS
4	12	20	29	38	47	56	65	74	83	92	101	7	8	9	CR	CHK/ TEND
3	11	19	28	37	46	55	64	73	82	91	100	4	5	6	NEW/ OLD CHK	NB
2	10	18	27	36	45	54	63	72	81	90	99	1	2	3	SUB TOTAL	
1	9	17	26	35	44	53	62	71	80	89	98	0	00	.	CA/AMT TEND	

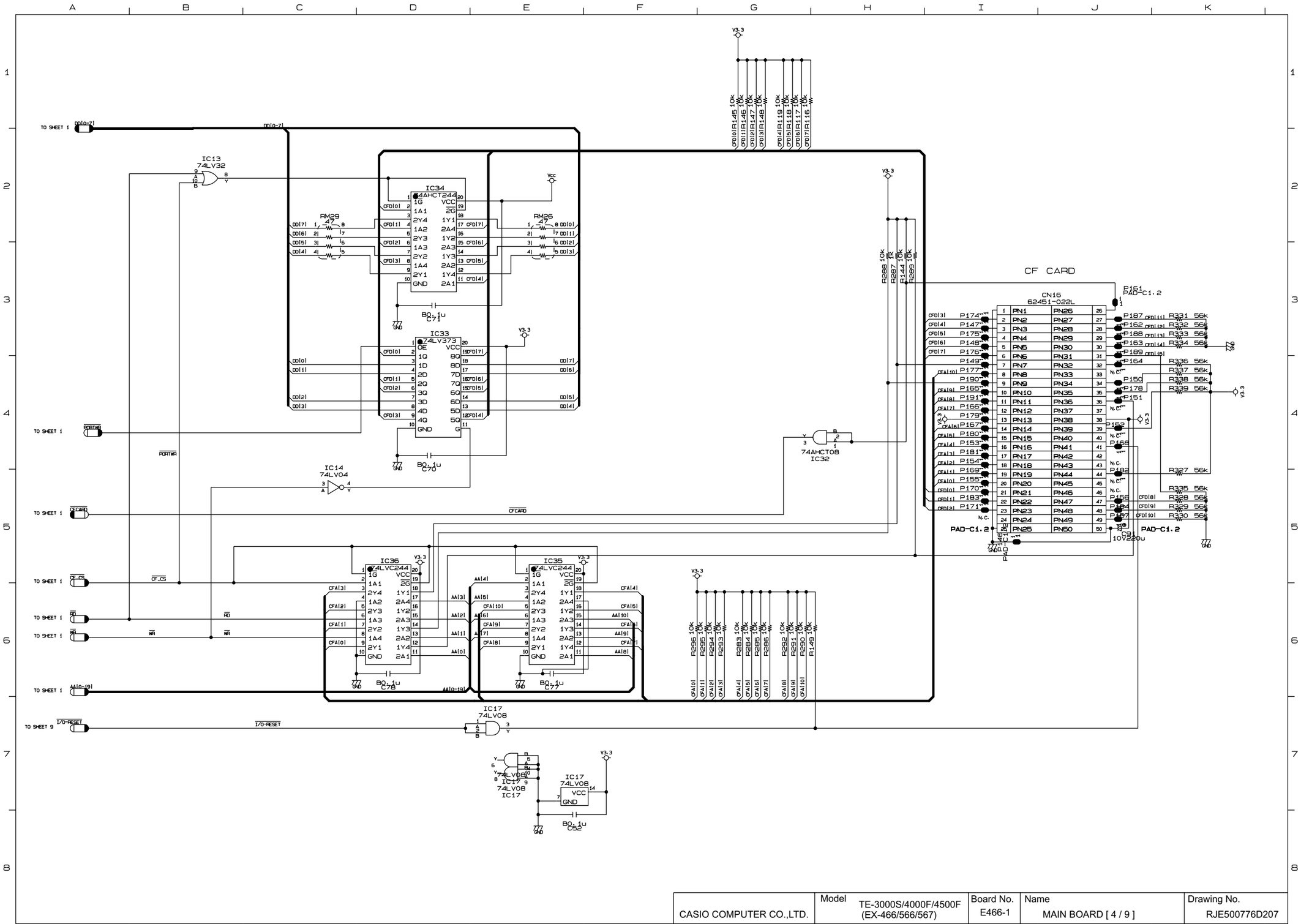
Model TE-3000S/4000F/4500F	**CASIO COMPUTER CO.,LTD.**
Name SYSTEM BLOCK	Drawing No.


CPU
UPD78P4215AGC8038EU
IC12
CASIO COMPUTER CO.,LTD.
Model
TE-3000S/4000F/4500F
(EX-466/566/567)
Board No.
E466-1
Name
MAIN BOARD [1 / 9]
Drawing No.
RJE500776D207

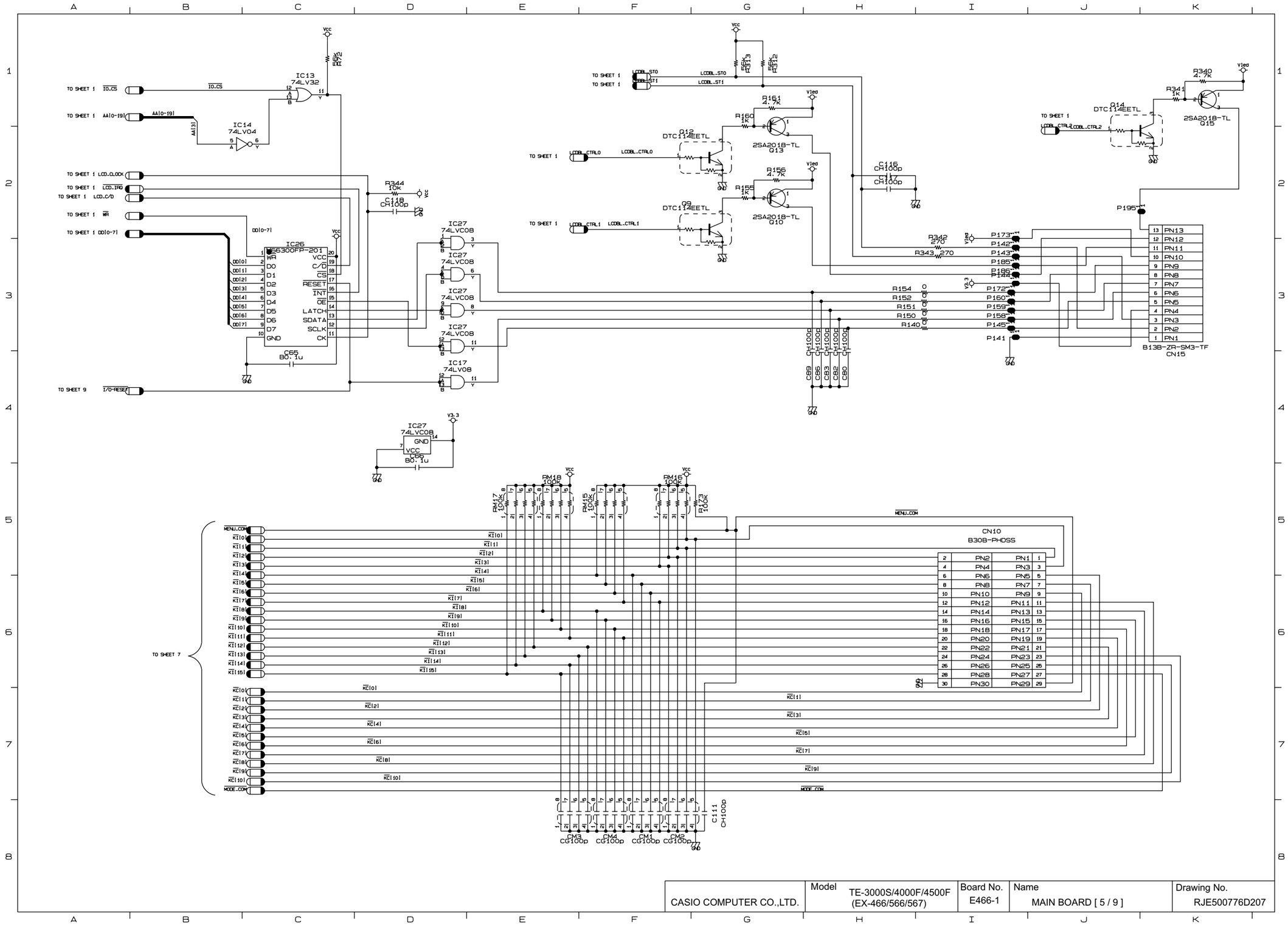


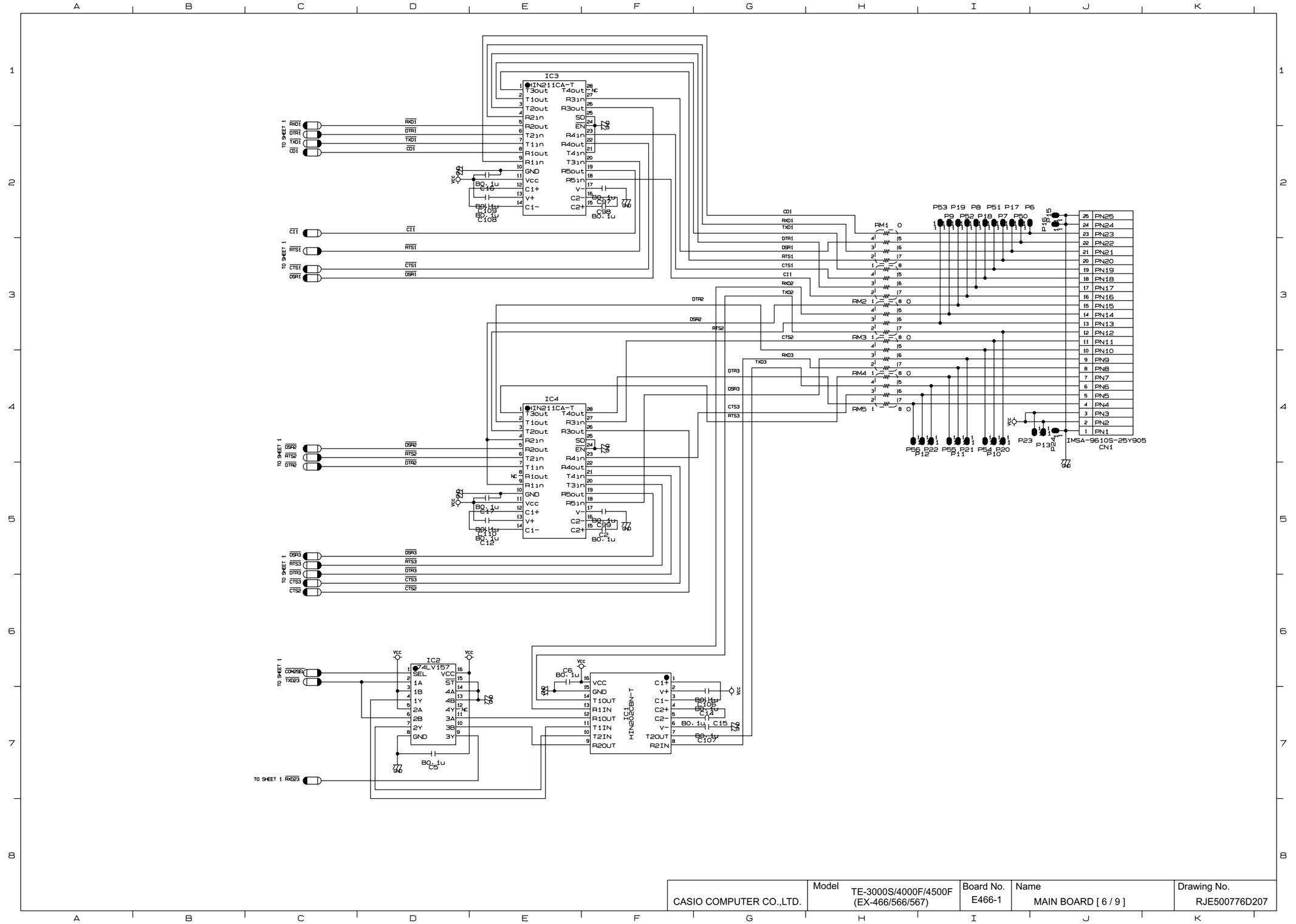
CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-1	Name MAIN BOARD [2 / 9]	Drawing No. RJE500776D207

CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-1	Name MAIN BOARD [3 / 9]	Drawing No. RJE500776D207	

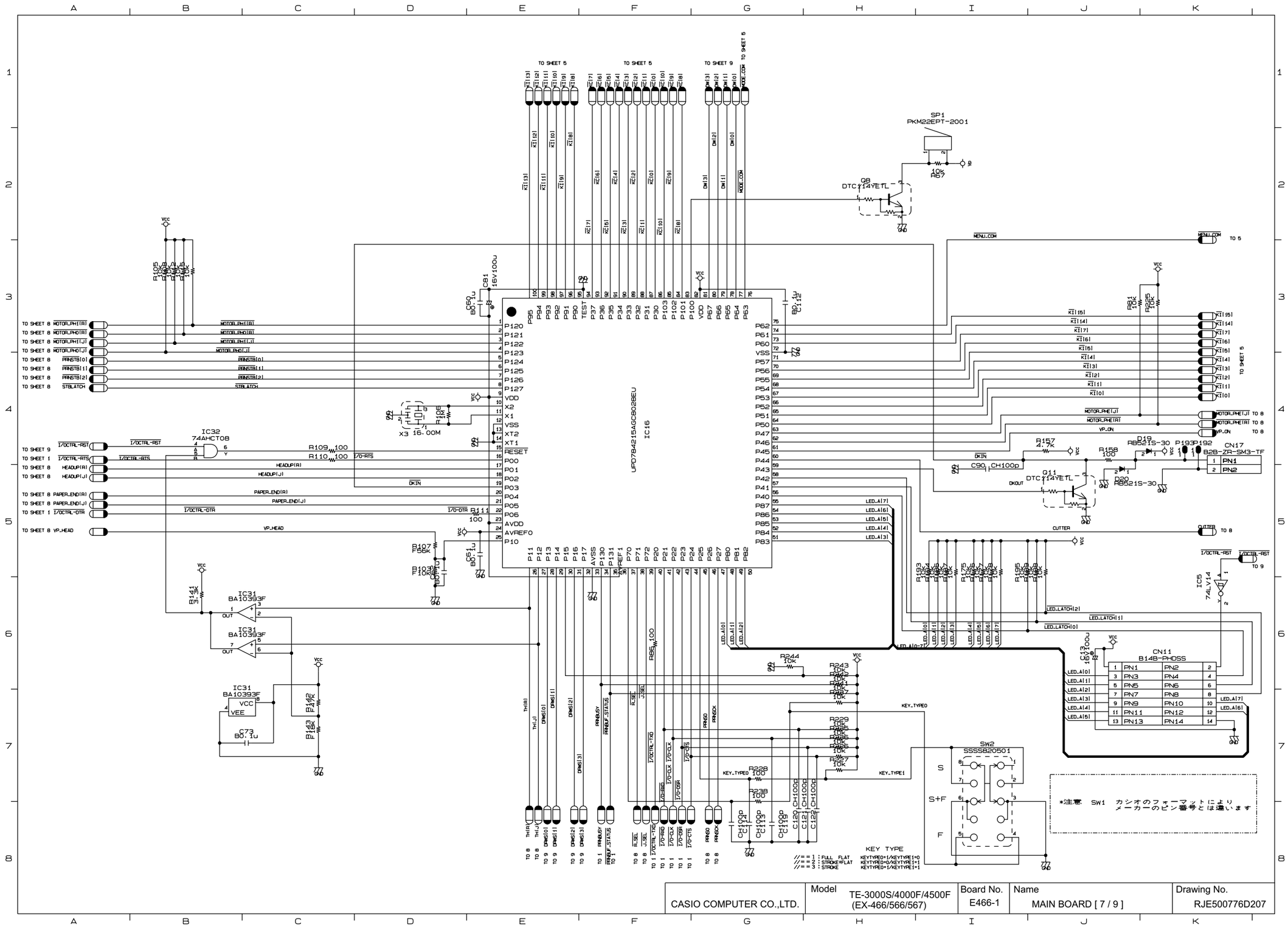


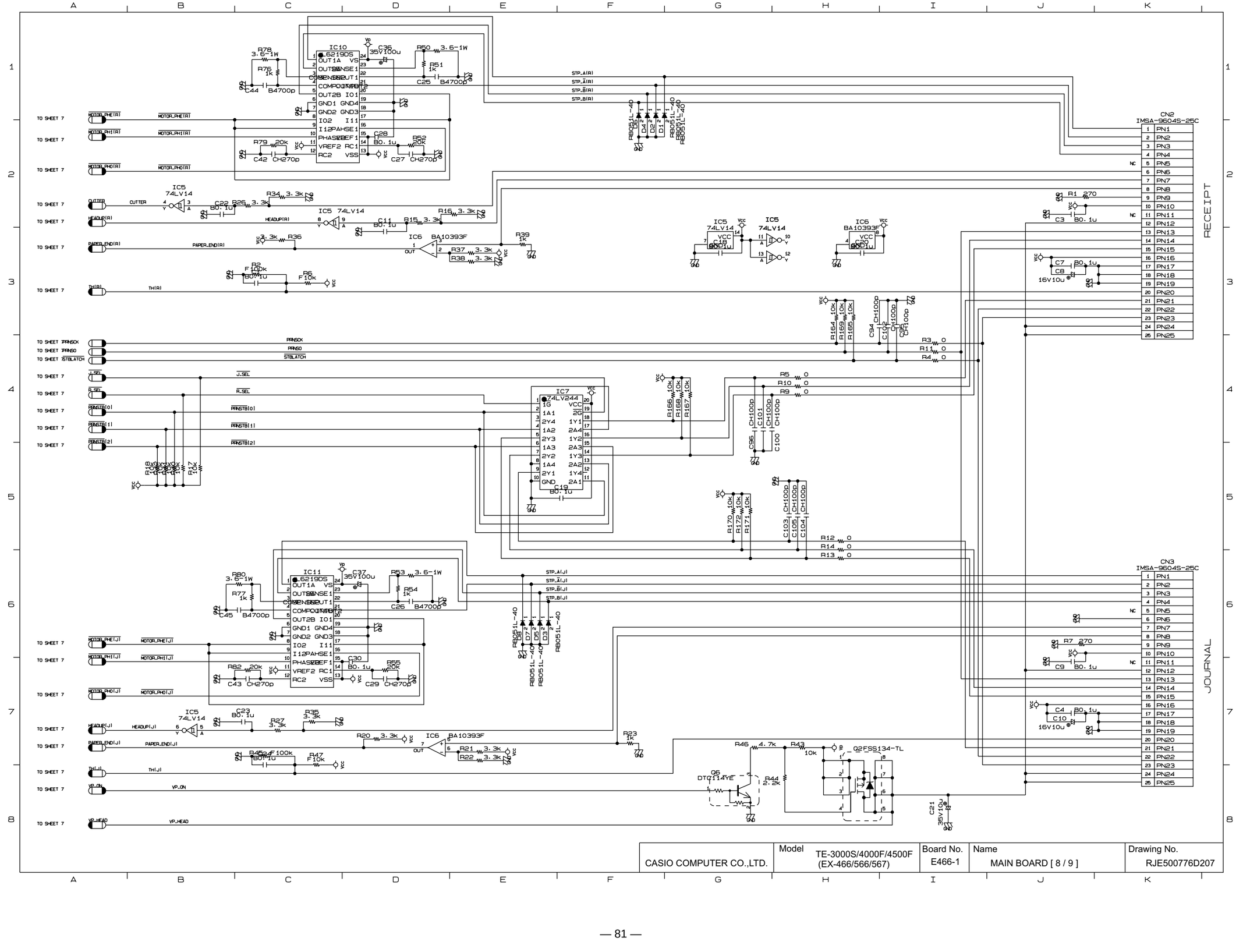
CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-1	Name MAIN BOARD [4 / 9]	Drawing No. RJE500776D207


IC13 74LV32
IC14 74LV04
IC26 S6300FP-201
IC27 74LVC08
IC17 74LV08
R342 270
R343 270
R344 10K
C118 CH100P
C116 CH100P
C117 CH100P
Q12 DTC114EETL
Q13 2SA2018-TL
Q9 DTC114EETL
Q10 2SA2018-TL
Q14 DTC114EETL
Q15 2SA2018-TL
C65 B0.1u
C99 B0.1u
C111 CH100P
CM3 CG100P
CM4 CG100P
CM1 CG100P
CM2 CG100P
RM18 100K
RM17 100K
RM15 100K
RM16 100K
R173 100K
CN15 B13B-ZR-SM3-TF
CN10 B30B-PHDSS
TO SHEET 7
TO SHEET 9
MENU.COM
MODE.COM
CASIO COMPUTER CO.,LTD.
Model TE-3000S/4000F/4500F (EX-466/566/567)
Board No. E466-1
Name MAIN BOARD [5 / 9]
Drawing No. RJE500776D207

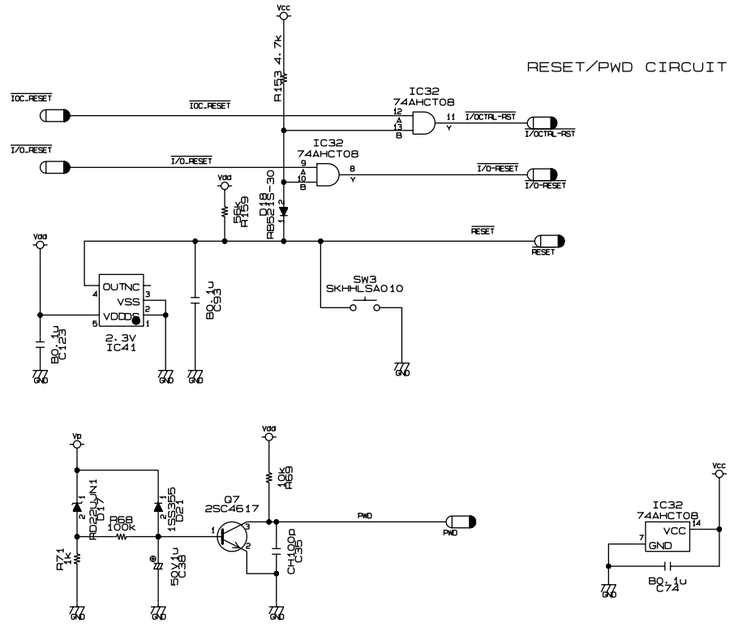


CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-1	Name MAIN BOARD [6 / 9]	Drawing No. RJE500776D207

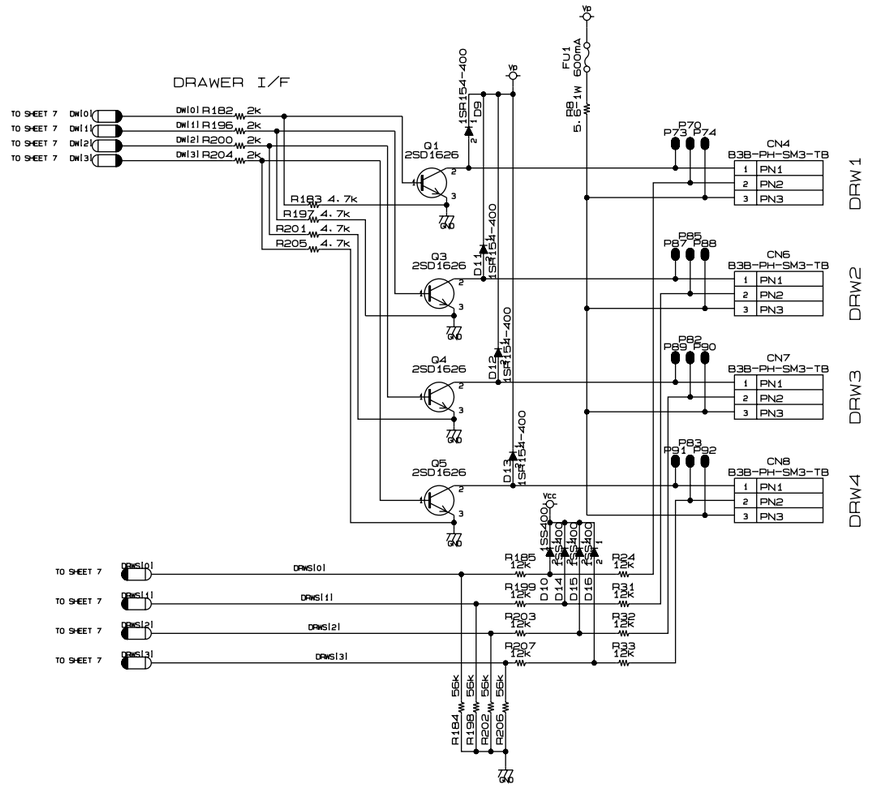

IC16
UPD784215AGC802BEU
IC32
74AHCT08
IC31
BA10393F
IC5
74LV14
SW2
SSSS820501
SP1
PKM22EPT-2001
Q8
DTC114YETL
Q11
DTC114YETL
CN11
B14B-PHDSS
CN17
B2B-ZR-SM3-TF
D19
RB521S-30
D20
RB521S-30
X3 16.00M
*注意　SW1　カシオのフォーマットにより
メーカーのピン番号とは違います
KEY TYPE
//== 1 : FULL FLAT
//== 2 : STROKE+FLAT
//== 3 : STROKE
KEYTYPE0=1/KEYTYPE1=0
KEYTYPE0=0/KEYTYPE1=1
KEYTYPE0=1/KEYTYPE1=1
CASIO COMPUTER CO.,LTD.
Model
TE-3000S/4000F/4500F
(EX-466/566/567)
Board No.
E466-1
Name
MAIN BOARD [7 / 9]
Drawing No.
RJE500776D207


RECEIPT
JOURNAL
CN2
IMSA-9604S-25C
CN3
IMSA-9604S-25C
IC10 6219DS
IC11 6219DS
IC5 74LV14
IC6 BA10393F
IC7 74LV244
Q5 DTC114YE
Q2 FSS134-TL
CASIO COMPUTER CO.,LTD.
Model TE-3000S/4000F/4500F (EX-466/566/567)
Board No. E466-1
Name MAIN BOARD [8 / 9]
Drawing No. RJE500776D207

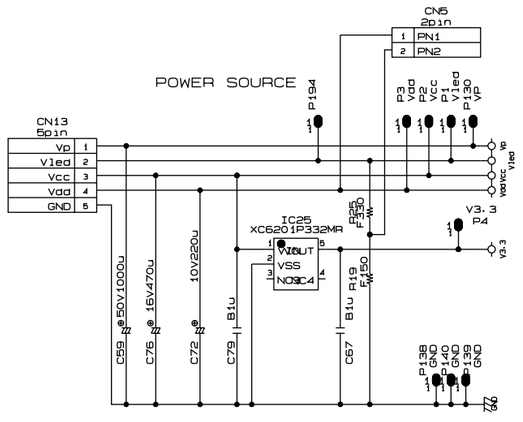
RESET/PWD CIRCUIT



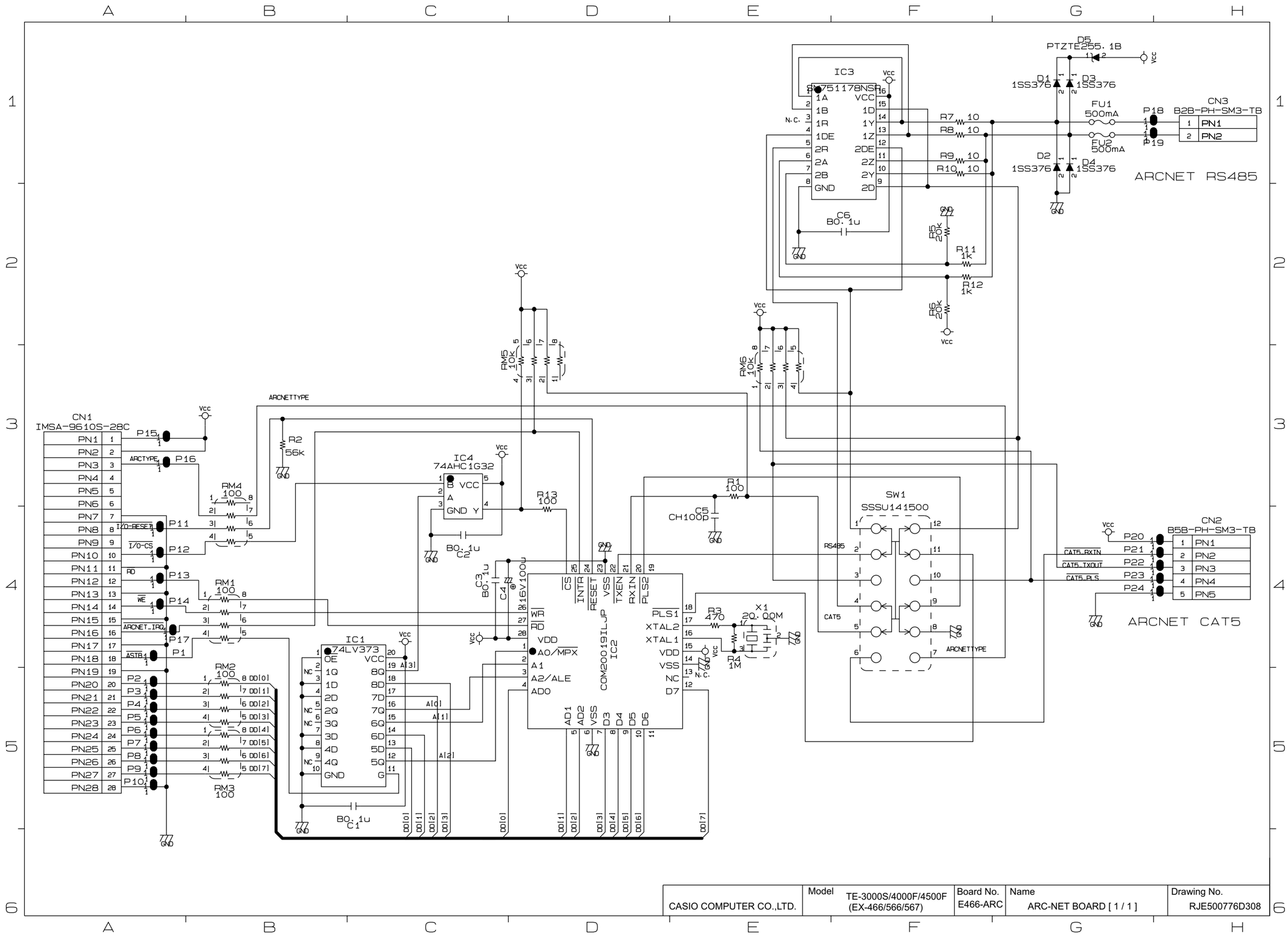
DRAWER I/F



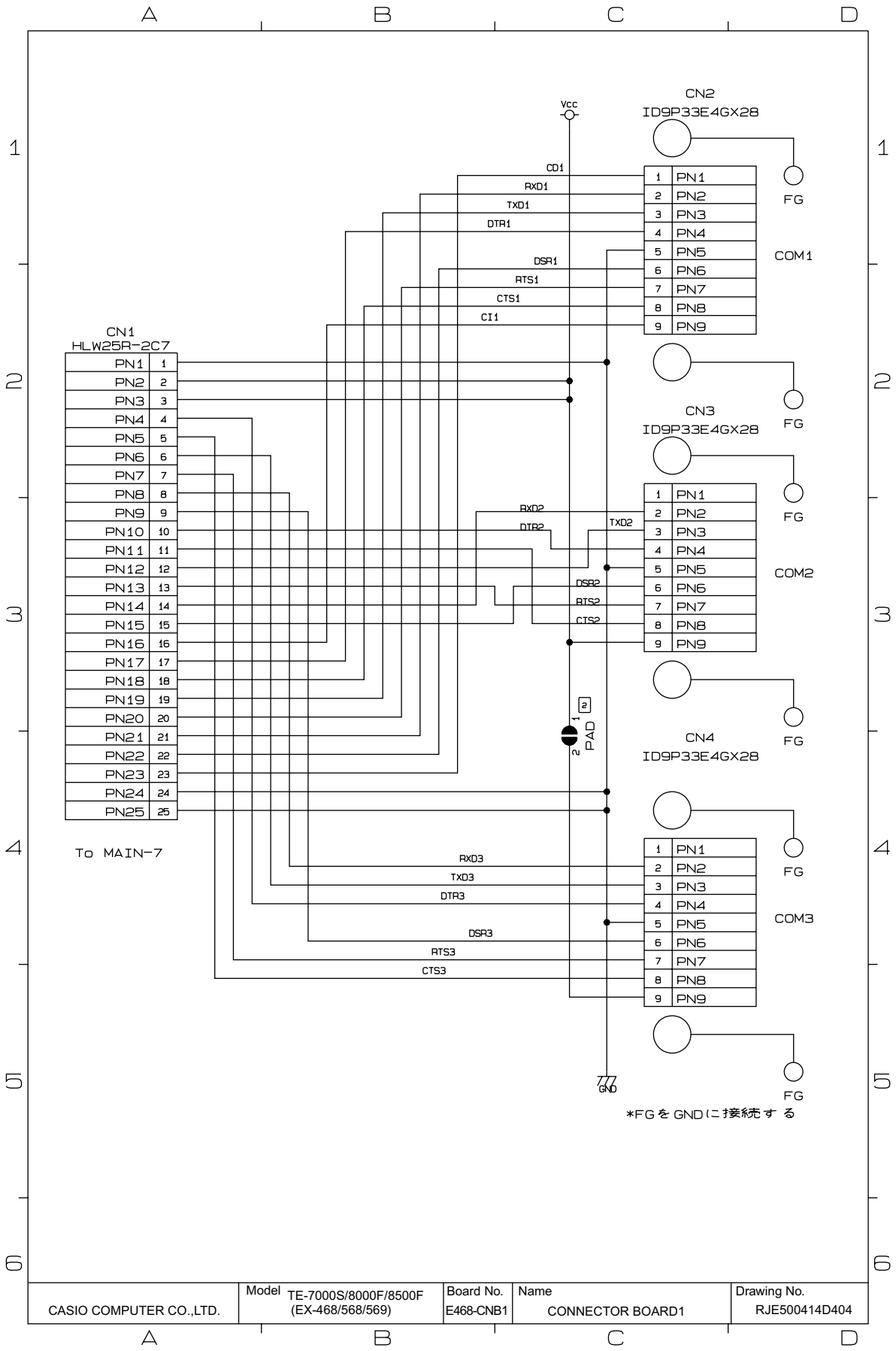
POWER SOURCE



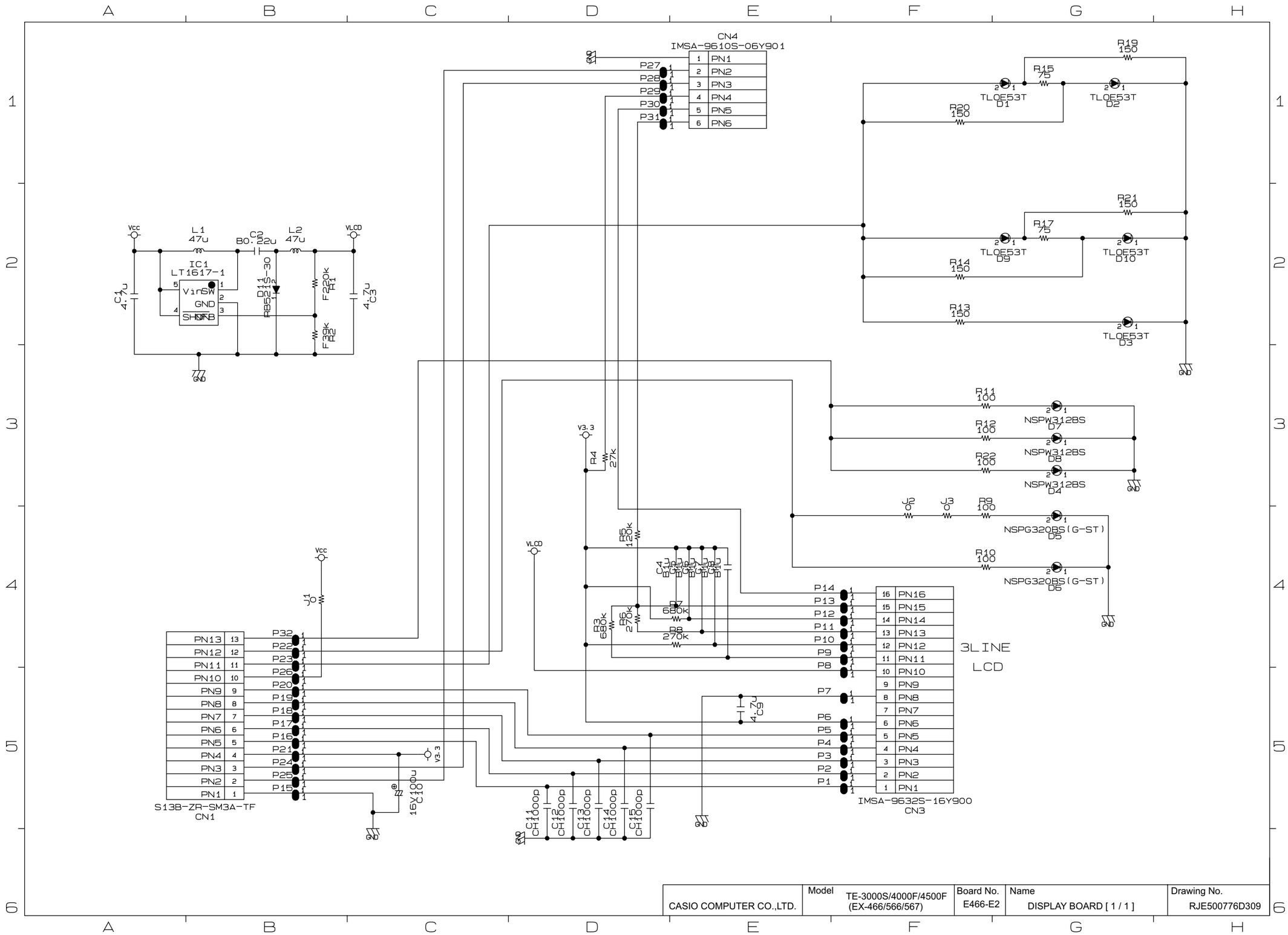
CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-1	Name MAIN BOARD [9 / 9]	Drawing No. RJE500776D207

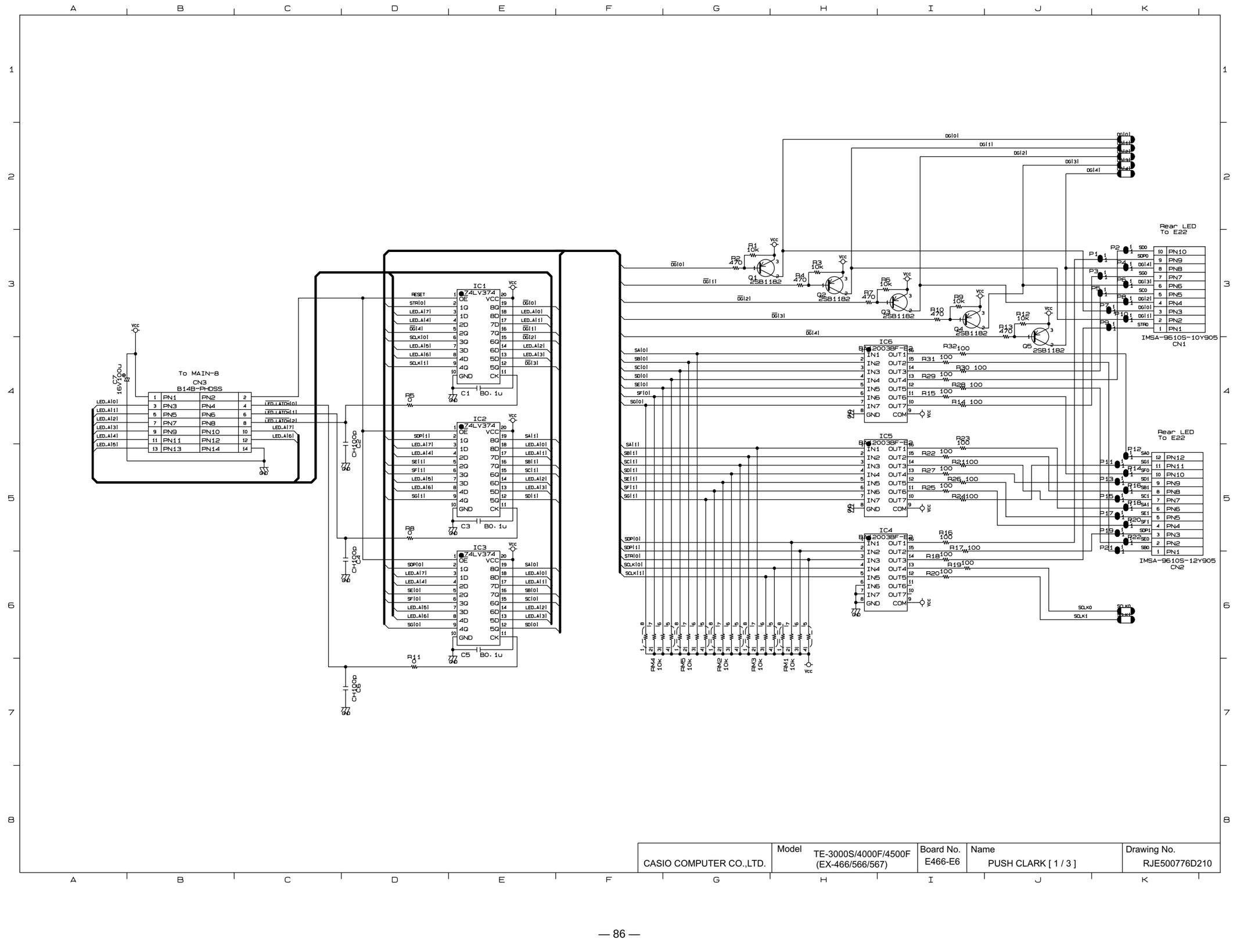


CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-ARC	Name ARC-NET BOARD [1 / 1]	Drawing No. RJE500776D308

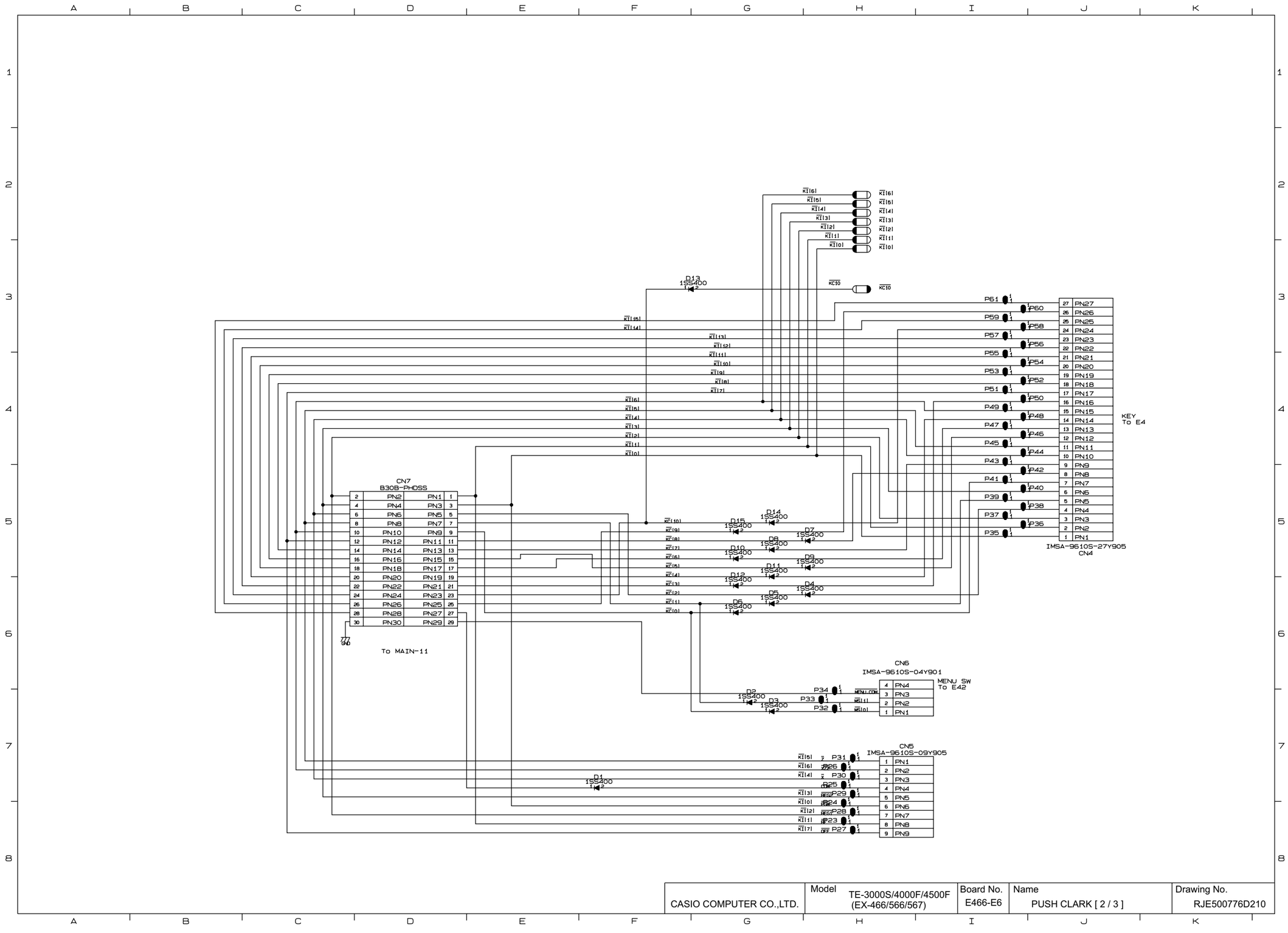


CASIO COMPUTER CO.,LTD.	Model TE-7000S/8000F/8500F (EX-468/568/569)	Board No. E468-CNB1	Name CONNECTOR BOARD1	Drawing No. RJE500414D404

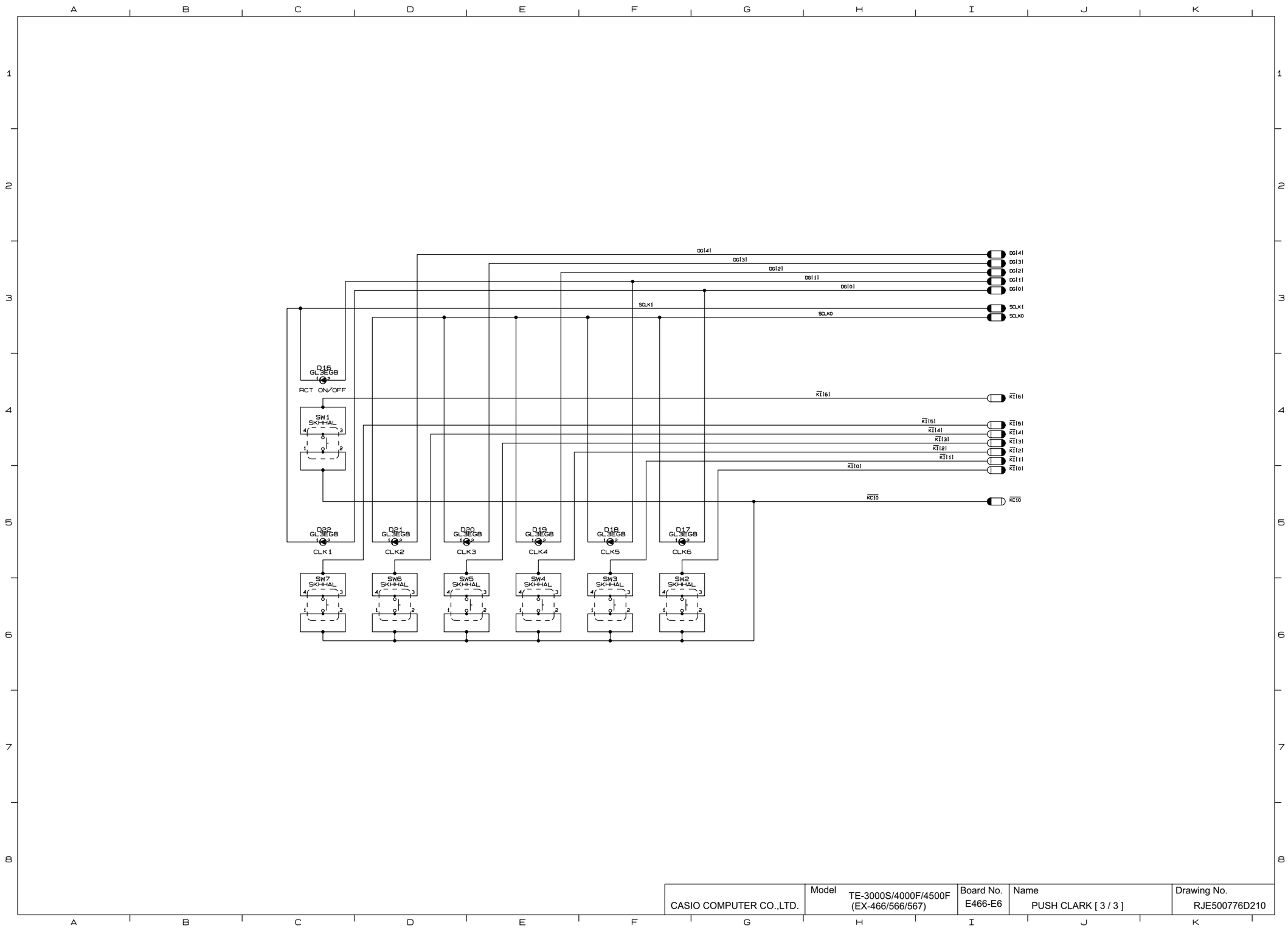

CN4
IMSA-9610S-06Y901
PN1
PN2
PN3
PN4
PN5
PN6
P27
P28
P29
P30
P31
R19 150
R15 75
R20 150
TLOE53T D1
TLOE53T D2
R21 150
R17 75
R14 150
TLOE53T D9
TLOE53T D10
R13 150
TLOE53T D3
R11 100
R12 100
R22 100
NSPW312BS D7
NSPW312BS D8
NSPW312BS D4
J2
J3
R9 100
NSPG320BS(G-ST) D5
R10 100
NSPG320BS(G-ST) D6
L1 47u
C2 B0.22u
L2 47u
IC1 LT1617-1
C1 4.7u
D1 RB521S-30
R1 F220k
R2 F39k
C3 4.7u
V3.3
R4 27k
R5 120k
R7 680k
R3 680k
R6 270k
R8 270k
C4 B.1u
C5 B.1u
C6 B.1u
C7 B.1u
C8 B.1u
C9 4.7u
C10 16V100u
C11 C1000p
C12 C1000p
C13 C1000p
C14 C1000p
C15 C1000p
J1
P32
P22
P23
P26
P20
P19
P18
P17
P16
P21
P24
P25
P15
PN13 13
PN12 12
PN11 11
PN10 10
PN9 9
PN8 8
PN7 7
PN6 6
PN5 5
PN4 4
PN3 3
PN2 2
PN1 1
S13B-ZR-SM3A-TF
CN1
P14
P13
P12
P11
P10
P9
P8
P7
P6
P5
P4
P3
P2
P1
PN16 16
PN15 15
PN14 14
PN13 13
PN12 12
PN11 11
PN10 10
PN9 9
PN8 8
PN7 7
PN6 6
PN5 5
PN4 4
PN3 3
PN2 2
PN1 1
IMSA-9632S-16Y900
CN3
3LINE
LCD
CASIO COMPUTER CO.,LTD.
Model TE-3000S/4000F/4500F (EX-466/566/567)
Board No. E466-E2
Name DISPLAY BOARD [1 / 1]
Drawing No. RJE500776D309



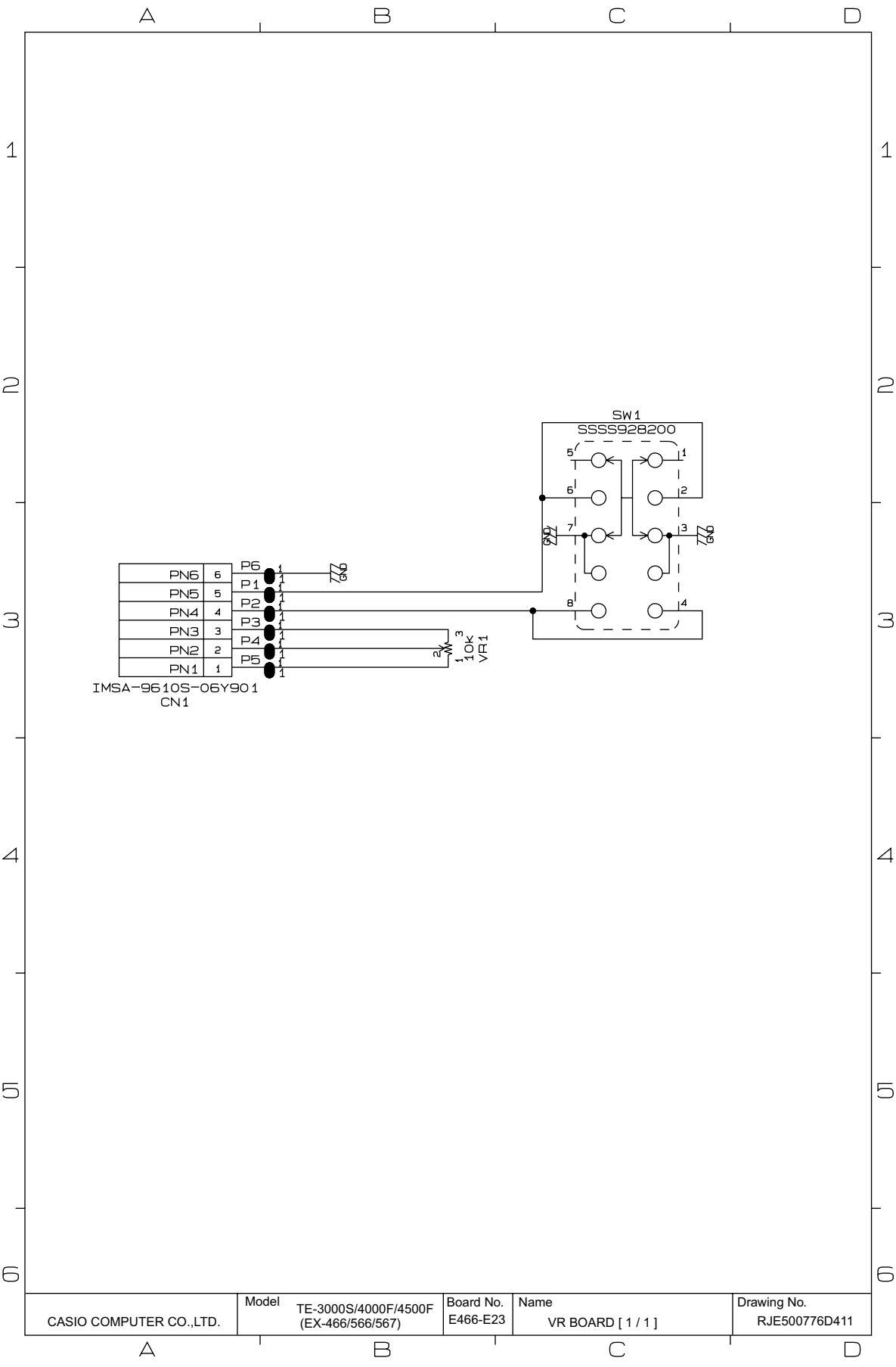
CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-E6	Name PUSH CLARK [1 / 3]	Drawing No. RJE500776D210



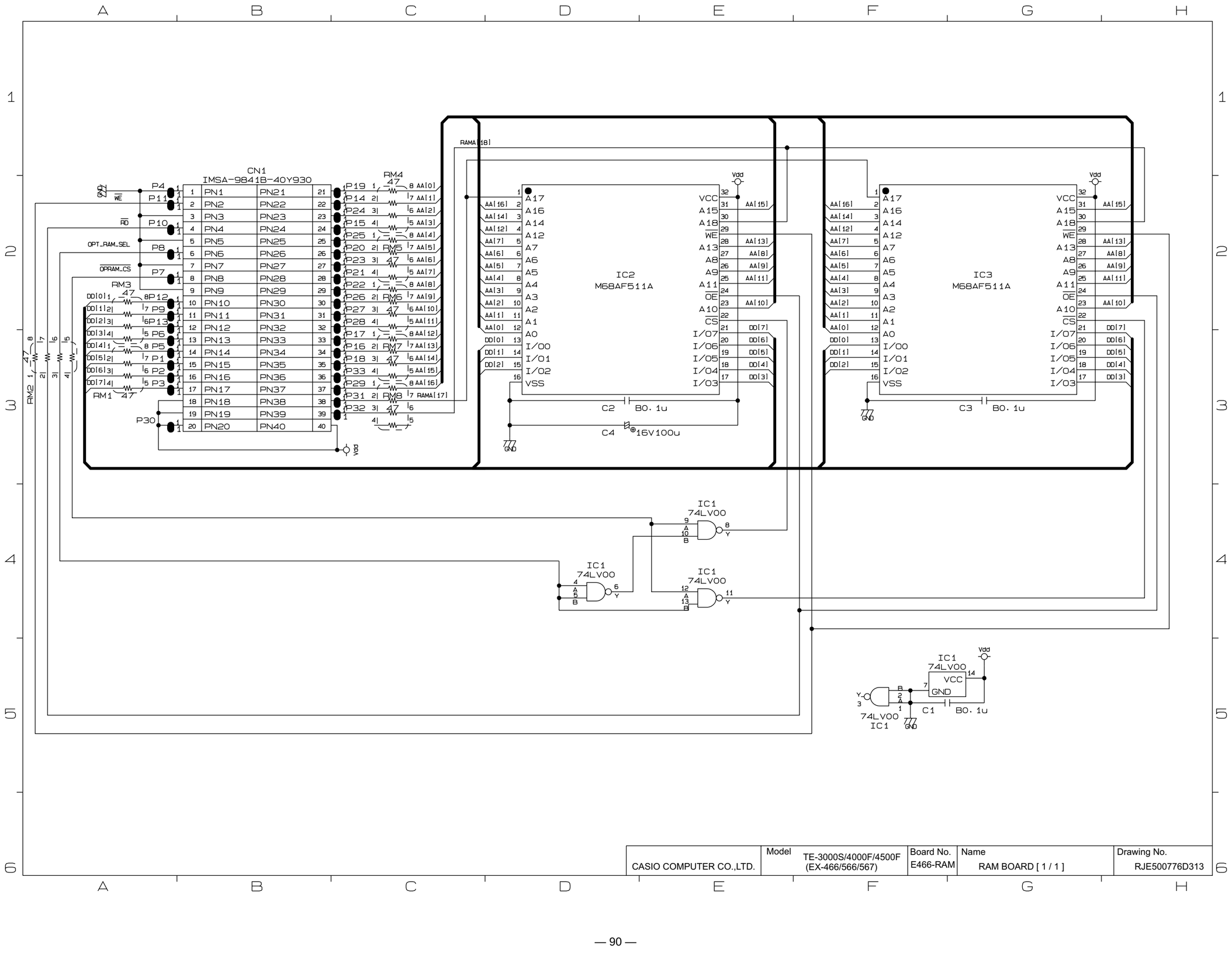
CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-E6	Name PUSH CLARK [2 / 3]	Drawing No. RJE500776D210



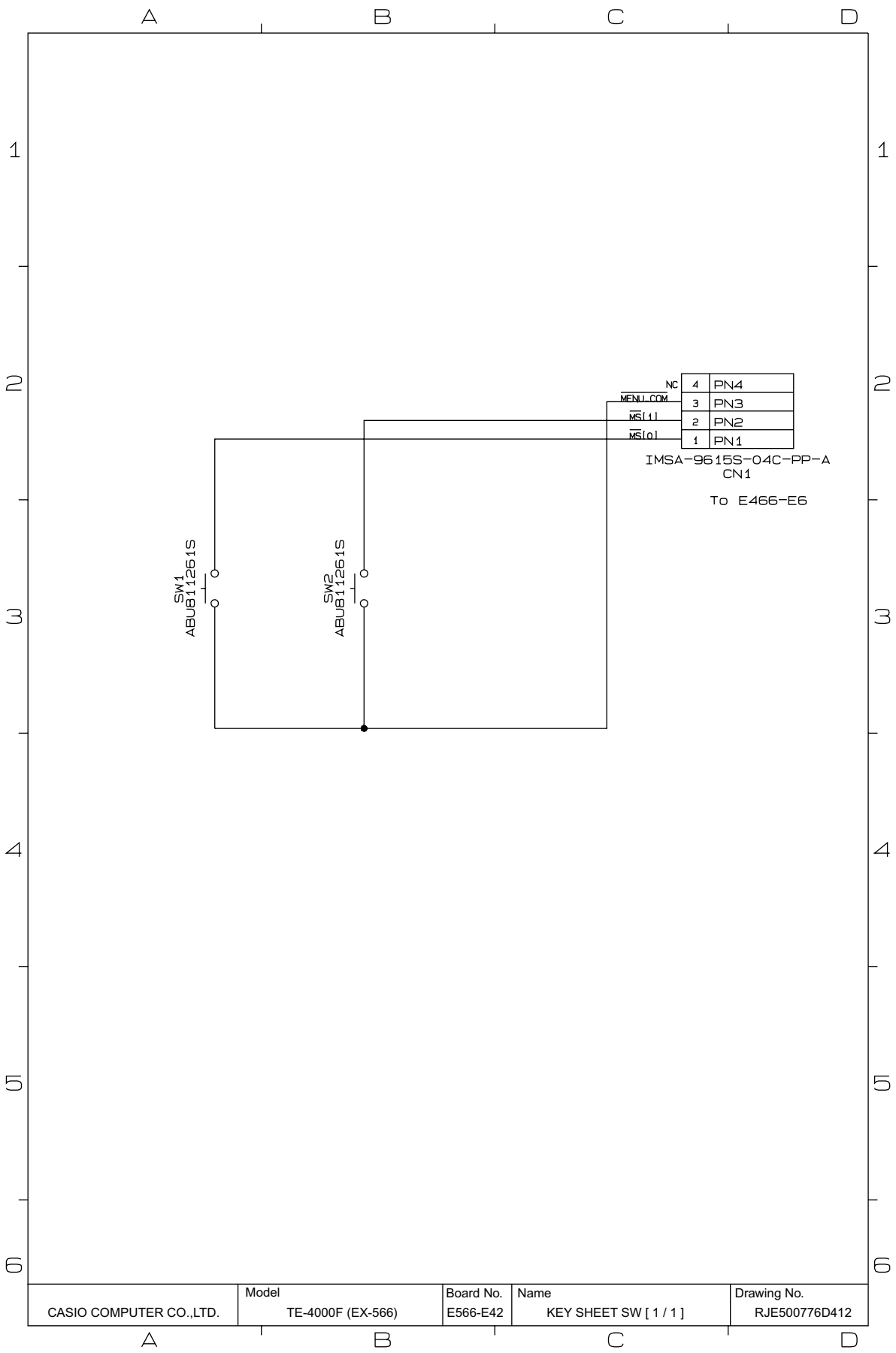
CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-E6	Name PUSH CLARK [3 / 3]	Drawing No. RJE500776D210



CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-E23	Name VR BOARD [1 / 1]	Drawing No. RJE500776D411



CASIO COMPUTER CO.,LTD.	Model TE-3000S/4000F/4500F (EX-466/566/567)	Board No. E466-RAM	Name RAM BOARD [1 / 1]	Drawing No. RJE500776D313



CASIO COMPUTER CO.,LTD.	Model	Board No.	Name	Drawing No.
	TE-4000F (EX-566)	E566-E42	KEY SHEET SW [1 / 1]	RJE500776D412

14. PARTS LIST

MODEL : TE-3000S/4000F/4500F (EX-466/566/567)

TE-3000S

Explode view 93
1. MAIN PCB BLOCK 97
2. LCD BLOCK 99
3. BACK LIGHT BLOCK 99
4. CUSTOMER DISPLAY BLOCK 100
5. BUTTON BLOCK 100
6. POWER SUPPLY BLOCK 101
7. UPPER CASE BLOCK 102
8. LOWER CASE BLOCK 102
9. PRINTER BLOCK 103
10. CLERK SWITCH CIRCUIT 103
11. CONNECTOR BOARD 103
12. OTHERS 103
13. ARCNET IN-LINE BOARD 103
14. CAT5 BOARD 104
15. EXTENDED RAM BOARD 104

TE-4000F

Explode view 105
1. MAIN PCB BLOCK 109
2. LCD BLOCK 111
3. BACK LIGHT BLOCK 111
4. CUSTOMER DISPLAY BLOCK 112
5. BUTTON BLOCK 112
6. POWER SUPPLY BLOCK 113
7. UPPER CASE BLOCK 113
8. LOWER CASE BLOCK 114
9. PRINTER BLOCK 114
10. CLERK SWITCH CIRCUIT 114
11. CONNECTOR BOARD 115
12. OTHERS 115
13. ARCNET IN-LINE BOARD 115
14. CAT5 BOARD 115
15. EXTENDED RAM BOARD 116

TE-4500F

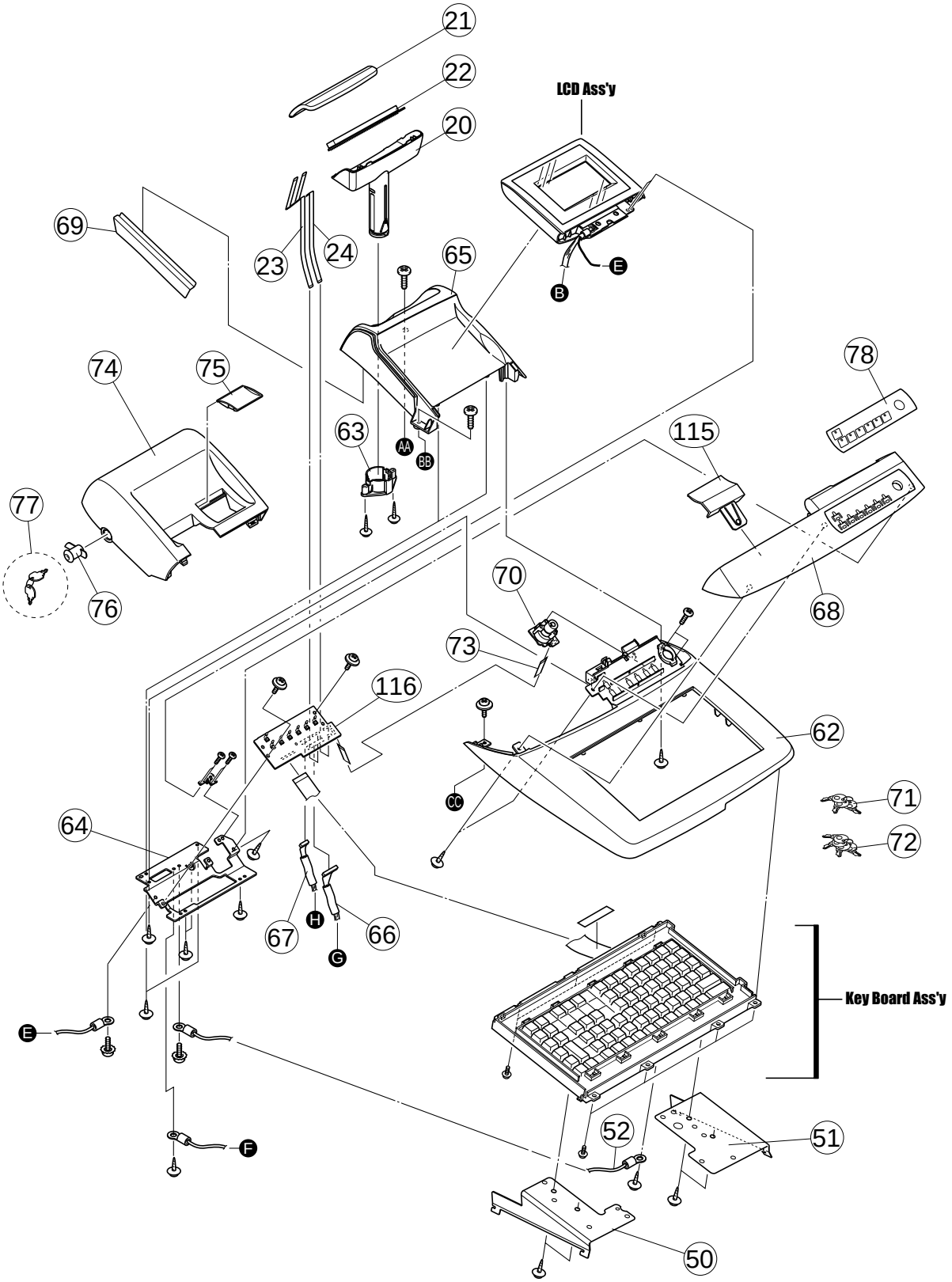
Explode view 117
1. MAIN PCB BLOCK 121
2. LCD BLOCK 123
3. BACK LIGHT BLOCK 124
4. CUSTOMER DISPLAY BLOCK 124
5. BUTTON BLOCK 125
6. POWER SUPPLY BLOCK 125
7. UPPER CASE BLOCK 125
8. LOWER CASE BLOCK 126
9. PRINTER BLOCK 126
10. CLERK SWITCH CIRCUIT 127
11. CONNECTOR BOARD 127
12. OTHERS 127
13. ARCNET IN-LINE BOARD 127
14. CAT5 BOARD 128
15. EXTENDED RAM BOARD 128
16. DRAWER (DL-2424) 129
17. DRAWER (DL-2425) 131
18. DRAWER (DL-2524) 133
19. DRAWER (DL-2525) 135
20. DRAWER (DL-2783) 137
21. DRAWER (DL-2784) 139
22. DRAWER (DL-2785) 141
23. DRAWER (DL-2786) 143
24. DRAWER (DL-2920) 145
25. DRAWER (DL-2921) 147
26. DRAWER (DL-3616) 149
27. DRAWER (DL-3617) 151

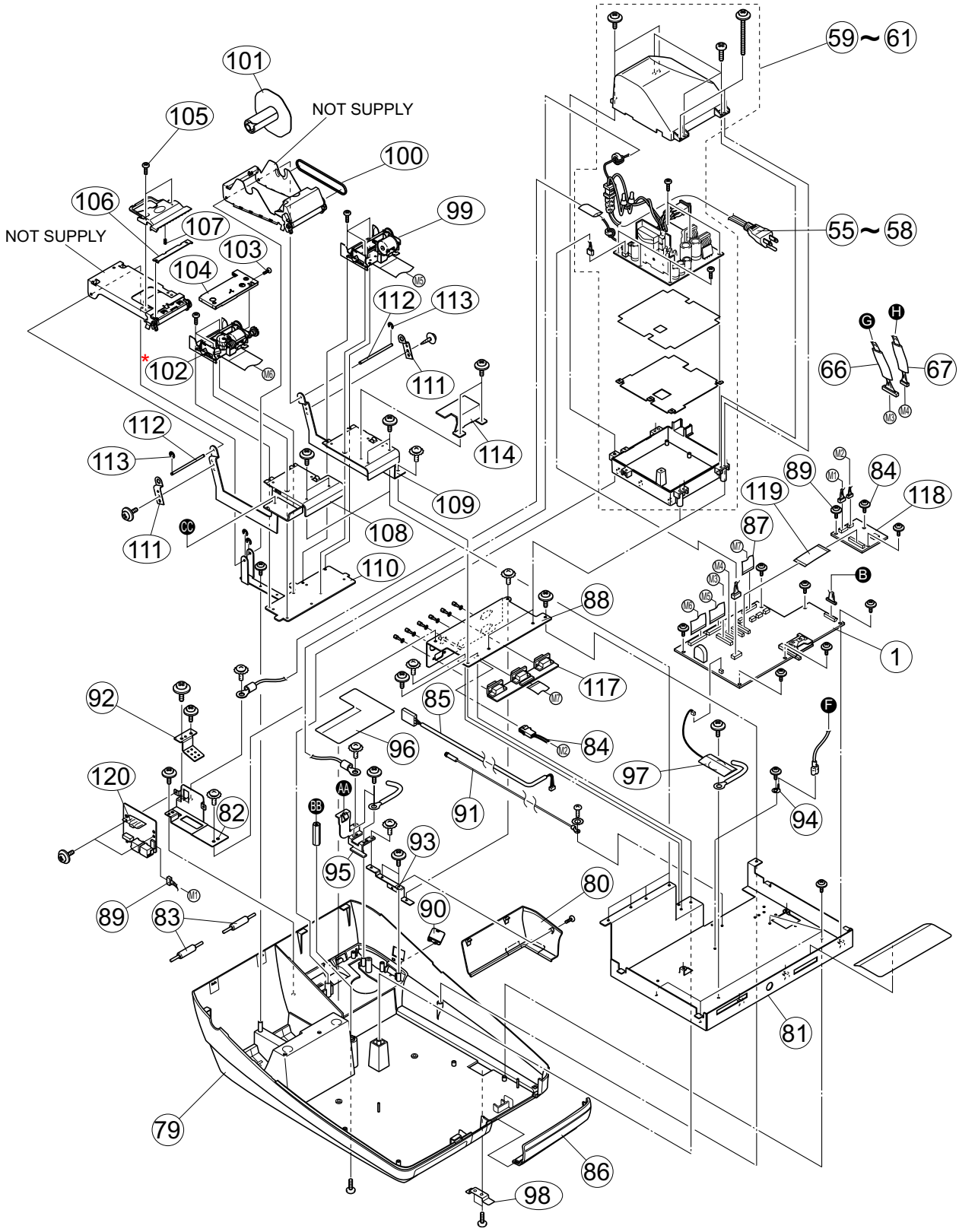
NOTES :

1. Price and specifications are subject to change withput prior notice.
2. As for spare parts order and supply, refer to the “GUIDEBOOK for Spare Parts Supply”, published separately.
3. The numbers in item column corespond to the same numbers in drawing.
4. CASIO does not supply the spare parts without parts code.
5. Remarks

   Q'ty : Quantity used per unit
   RANK: A = Essential
   B = Stock recommended
   C = Less recommended
   X = No stock recommended

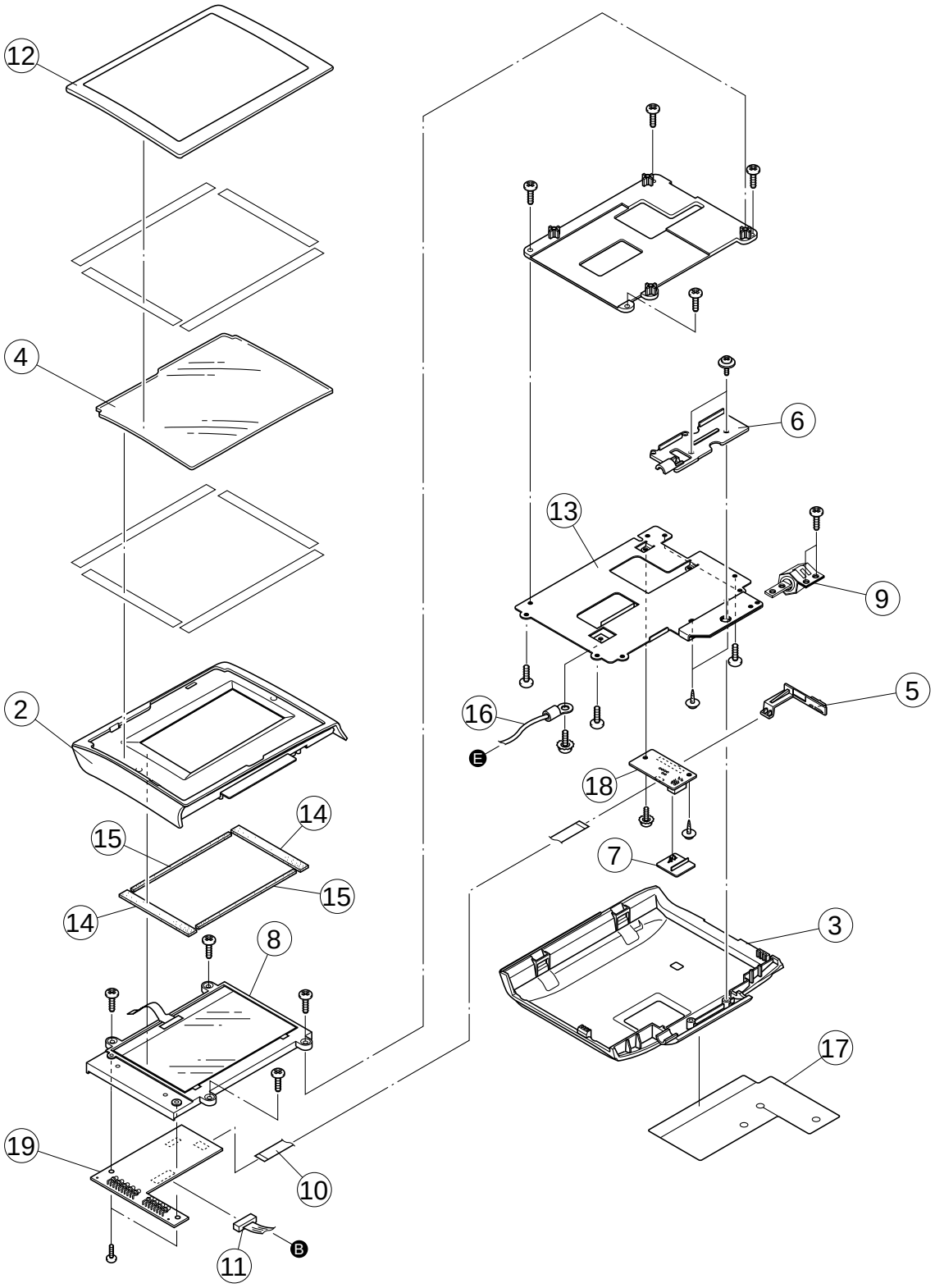
TE-3000 UPPER CASE ASSY



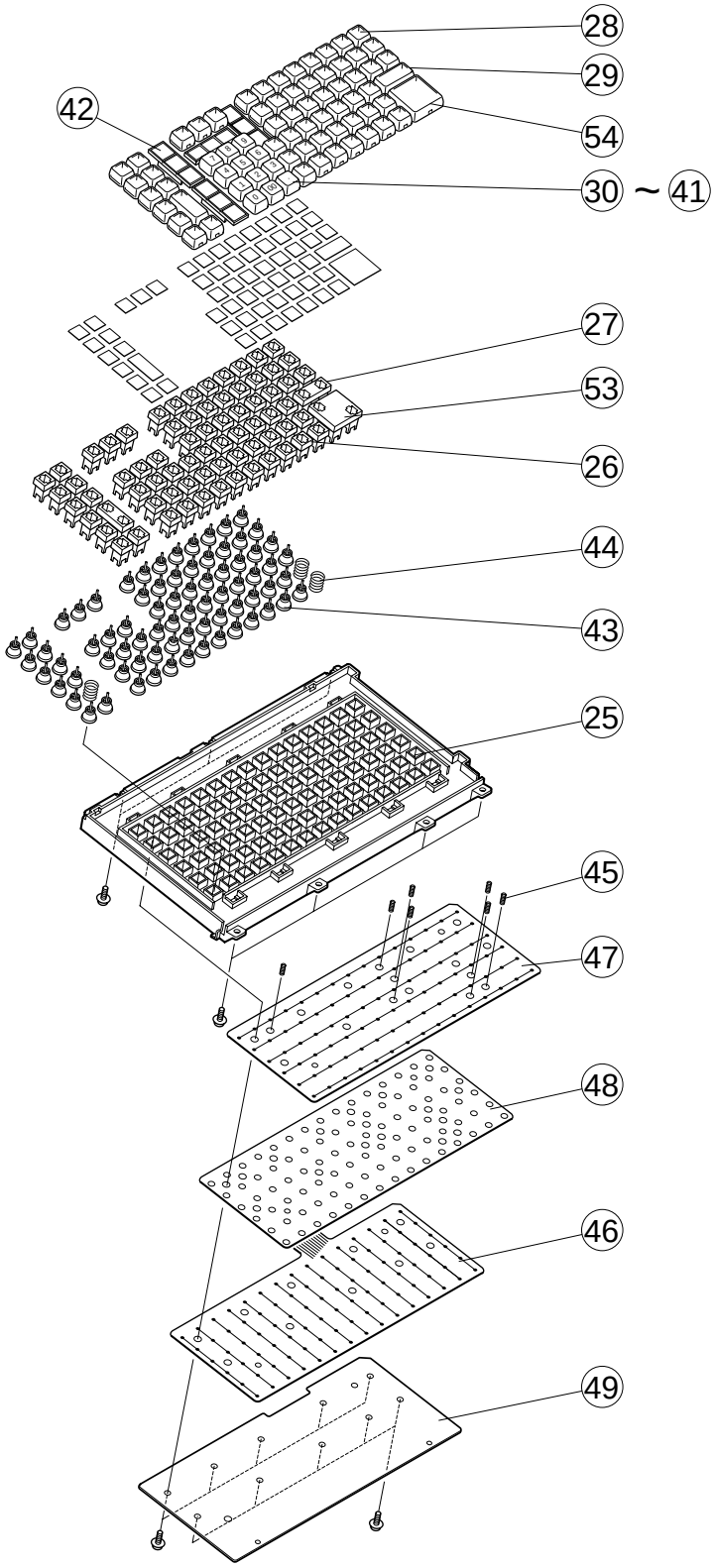


* 102 There are 2 versions of the receipt printer. Please refer to the service bulletin ECR-542 for the details.

TE-3000 LCD ASSY



TE-3000 KEYBOARD ASSY



N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	1. MAIN PCB BLOCK													
N	**1**	10120115	PCB ASSY/E466-1	RJE500568*001	1	1	1	1	1	1	1	1	EC	A
N	IC12	10120082	LSI	UPD784215AGC8038EU	1	1	1	1	1	1	1	1	BN	A
	IC16	10111217	LSI	UPD784215AGC8028EU	1	1	1	1	1	1	1	1	BN	A
N	IC24	10120083	LSI	MBM29F160BE90TN	1	1	1	1	1	1	1	1	BH	A
	IC26	20061702	IC	M66300FP-201	1	1	1	1	1	1	1	1	BF	A
	IC10,11	21120788	IC	L6219DS	2	2	2	2	2	2	2	2	BC	A
N	IC19	10022117	IC/CMOS	SN74AHC1G04DCKR	1	1	1	1	1	1	1	1	AA	A
	IC32	10105416	IC/CMOS	SN74AHCT08PWR	1	1	1	1	1	1	1	1	AC	A
N	IC34	10120128	IC/CMOS	SN74AHCT244PWR	1	1	1	1	1	1	1	1	AC	A
N	IC14	10120129	IC/CMOS	SN74LV04APWR	1	1	1	1	1	1	1	1	AC	A
	IC17,22	10005659	IC/CMOS	SN74LV08APWR	2	2	2	2	2	2	2	2	AB	A
N	IC15	10120130	IC/CMOS	SN74LV11APWR	1	1	1	1	1	1	1	1	AC	A
	IC5	21056580	IC/CMOS	SN74LV14APWR	1	1	1	1	1	1	1	1	AC	A
	IC9,13	10004413	IC/CMOS	SN74LV32APWR	2	2	2	2	2	2	2	2	AB	A
	IC8	10005669	IC/CMOS	SN74LV139APWR	1	1	1	1	1	1	1	1	AD	A
	IC2	10007175	IC/CMOS	SN74LV157APWR	1	1	1	1	1	1	1	1	AE	A
	IC7	10005721	IC/CMOS	SN74LV244APWR	1	1	1	1	1	1	1	1	AF	A
	IC33	10050431	IC/CMOS	SN74LV373APWR	1	1	1	1	1	1	1	1	AI	A
N	IC27	10120131	IC/CMOS	SN74LVC08APWR	1	1	1	1	1	1	1	1	AC	A
	IC35,36	10105407	IC/CMOS	SN74LVC244APWR	2	2	2	2	2	2	2	2	AA	A
N	IC25	10097860	IC/MOS	XC6201P332MR	1	1	1	1	1	1	1	1	AB	A
N	IC42	10127165	IC/RESET	S-80123BNMC-JGI-T2	1	1	1	1	1	1	1	1	AI	A
	IC3,4	21120820	IC	HIN211CA-T	2	2	2	2	2	2	2	2	AT	A
	IC1	21120819	IC	HIN202CBN-T	1	1	1	1	1	1	1	1	AP	A
	IC6,31	21120821	OPAMP	BA10393F-E2	2	2	2	2	2	2	2	2	AB	A
	R3-5,9-14,88,100, R121,140,150-152, R154,264-282		RESISTOR/CHIP	MCR03EZHJ000	37	37	37	37	37	37	37	37		X
	R86,109-111,158, R228,238,345,346		RESISTOR/CHIP	MCR03EZHJ101	9	9	9	9	9	9	9	9		X
	R23,39,51,54,71, R76,77,155,160, R287,341		RESISTOR/CHIP	MCR03EZHJ102	11	11	11	11	11	11	11	11		X
	R17,18,40-43, R56-60,63,64,67, R69,70,73-75,81, R83-85,87,95,105, R108,112,115-119, R122,130,144-149, R163-172,175-178, R186-189,193-195, R213-227,229-232, R234-237,241-243, R253,254,262,263, R283-286,288-296, R344		RESISTOR/CHIP	MCR03EZHJ103	106	106	106	106	106	106	106	106		X
	R68,173		RESISTOR/CHIP	MCR03EZHJ104	2	2	2	2	2	2	2	2		X
	R24,31-33,185,199, R203,207		RESISTOR/CHIP	MCR03EZHJ123	8	8	8	8	8	8	8	8		X
	R182,196,200,204		RESISTOR/CHIP	MCR03EZHJ202	4	4	4	4	4	4	4	4		X
	R52,55,79,82		RESISTOR/CHIP	MCR03EZHJ203	4	4	4	4	4	4	4	4		X
	R44		RESISTOR/CHIP	MCR03EZHJ222	1	1	1	1	1	1	1	1		X
	R15,16,20-22,26, R27,34-38,141		RESISTOR/CHIP	MCR03EZHJ332	13	13	13	13	13	13	13	13		X
	R90		RESISTOR/CHIP	MCR03EZHJ334	1	1	1	1	1	1	1	1		X
	R28-30,48,49,61, R62,65,66,174, R179-181,190-192, R208,209,211,212, R245-252		RESISTOR/CHIP	MCR03EZHJ470	28	28	28	28	28	28	28	28		X
	R46,153,156,157, R161,183,197,201, R205,340		RESISTOR/CHIP	MCR03EZHJ472	10	10	10	10	10	10	10	10		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	R72,104,159,184, R198,202,206,233, R255-261,312,313, R327-339		RESISTOR/CHIP	MCR03EZHJ563	30	30	30	30	30	30	30	30		X
	R1,7		RESISTOR/CHIP	MCR10EZHJ271	2	2	2	2	2	2	2	2		X
	R50,53,78,80		RESISTOR/CHIP	MCR100JZHJ3R6	4	4	4	4	4	4	4	4		X
	R6,47,103		RESISTOR/CHIP	MCR03EZPFX1002	3	3	3	3	3	3	3	3		X
	R2,45		RESISTOR/CHIP	MCR03EZPFX1003	2	2	2	2	2	2	2	2		X
	R143		RESISTOR/CHIP	MCR03EZPFX1802	1	1	1	1	1	1	1	1		X
	R142		RESISTOR/CHIP	MCR03EZPFX4702	1	1	1	1	1	1	1	1		X
	R107		RESISTOR/CHIP	MCR03EZPFX5602	1	1	1	1	1	1	1	1		X
N	RM1-5	10050896	RESISTOR/CHIP NETWORK	MNR14E0ABJ000	5	5	5	5	5	5	5	5	AA	C
	RM6,7,19-22	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103	6	6	6	6	6	6	6	6	AA	C
N	RM15-18	27753301	RESISTOR/CHIP NETWORK	MNR14E0ABJ104	4	4	4	4	4	4	4	4	AA	C
N	RM8-14,24,26,27, RM29	10047444	RESISTOR/CHIP NETWORK	MNR14E0ABJ470	11	11	11	11	11	11	11	11	AB	C
	C35,90,94-96, C100-105,111, C113-122		CAPACITOR/CHIP	GRM1882C1H101JA01D	22	22	22	22	22	22	22	22		X
	C1,3-7,9,11,12,14, C16-20,22-24,28, C30-32,39-41,46, C52,53,55,56,58, C60-63,65,66,70, C71,73,74,77,78, C93,97,99, C106-110,112,123		CAPACITOR/CHIP	GRM188B11E104KA01D	53	53	53	53	53	53	53	53		X
	C67		CAPACITOR/CHIP	GRM188B10J105KA01D	1	1	1	1	1	1	1	1		X
	C27,29,42,43		CAPACITOR/CHIP	GRM1882C1H271JA01D	4	4	4	4	4	4	4	4		X
	C25,26,44,45		CAPACITOR/CHIP	GRM188B11H472KA01D	4	4	4	4	4	4	4	4		X
	C2,15,98		CAPACITOR/CHIP	GRM21BB11H104KA01L	3	3	3	3	3	3	3	3		X
	C79		CAPACITOR/CHIP	GRM21BB11C105KA01L	1	1	1	1	1	1	1	1		X
	CM1-4	28456609	CAPACITOR/CHIP MODULE	CAF13CG101K50AT	4	4	4	4	4	4	4	4	AA	C
	C76	10074012	CAPACITOR/ELECTROLYTIC	RV-16V471MH10-R	1	1	1	1	1	1	1	1	AC	C
	C36,37	28077818	CAPACITOR/ELECTROLYTIC	RV-35V101MG10-R	2	2	2	2	2	2	2	2	AB	C
	C8,10	28077869	CAPACITOR/ELECTROLYTIC	RV2-16V100MB55-R	2	2	2	2	2	2	2	2	AA	C
	C13,34,47,48,64,81	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	6	6	6	6	6	6	6	6	AA	C
	C21	28077106	CAPACITOR/ELECTROLYTIC	RV2-35V100M-R	1	1	1	1	1	1	1	1	AA	C
N	C38	28077127	CAPACITOR/ELECTROLYTIC	RV2-50V010M-R	1	1	1	1	1	1	1	1	AA	C
	C33,72,91	28073626	CAPACITOR/ELECTROLYTIC	RV3-10V221MF80-R	3	3	3	3	3	3	3	3	AB	C
	D9,11-13	23902058	DIODE/CHIP	1SR154-400TE25	4	4	4	4	4	4	4	4	AB	B
	D10,14-16	10009218	DIODE/CHIP	1SS400TE61	4	4	4	4	4	4	4	4	AA	B
	D17	23153125	DIODE/CHIP ZENER	RD22UJN1-T1	1	1	1	1	1	1	1	1	AA	B
	D1-8	28953130	DIODE/CHIP	RB051L-40TE25	8	8	8	8	8	8	8	8	AC	B
	D18-20	23903042	DIODE/CHIP	RB521S-30TE61	3	3	3	3	3	3	3	3	AA	B
N	Q10,13,15	10120138	TRANSISTOR	2SA2018-TL	3	3	3	3	3	3	3	3	AC	B
	Q7	22501601	TRANSISTOR	2SC4617TLQ	1	1	1	1	1	1	1	1	AA	B
	Q1,3-5	10076311	TRANSISTOR	2SD1626-TD	4	4	4	4	4	4	4	4	AC	B
	Q2	10091501	TRANSISTOR	FSS134-TL	1	1	1	1	1	1	1	1	AQ	B
	Q9,12,14	25902697	TRANSISTOR/DIGITAL	DTC114EETL	3	3	3	3	3	3	3	3	AA	B
	Q6,8,11	22592674	TRANSISTOR/DIGITAL	DTC114YETL	3	3	3	3	3	3	3	3	AA	B
	X1,3	10111105	CERALOCK/CHIP	CSTCE16M0V53-R0	2	2	2	2	2	2	2	2	AC	B
	CN17	35019394	CONNECTOR	B2B-ZR-SM3-TF	1	1	1	1	1	1	1	1	AB	C
	CN4,6-8	35021809	CONNECTOR	B3B-PH-SM3-TB	4	4	4	4	4	4	4	4	AC	C
N	CN15	10127166	CONNECTOR	B13B-ZR-SM3-TF	1	1	1	1	1	1	1	1	AK	C
N	CN12	10133462	CONNECTOR	IMSA-9610S-24Y914	1	1	1	1	1	1	1	1	AI	C
N	CN1	10133463	CONNECTOR	IMSA-9610S-25Y914	1	1	1	1	1	1	1	1	AK	C
N	CN9	10133465	CONNECTOR	IMSA-9610S-28Y914	1	1	1	1	1	1	1	1	AK	C
	CN14	10005684	CONNECTOR	IMSA-9830S-40Y930	1	1	1	1	1	1	1	1	AI	C
	SW2	10004466	SLIDE SWITCH	SSSS823-B-3B	1	1	1	1	1	1	1	1	AF	C
	CN16	10105403	CONNECTOR	62451-022L	1	1	1	1	1	1	1	1	BL	C
	R342,343		RESISTOR/CHIP	MCR03EZHJ271	2	2	2	2	2	2	2	2		X
	R19		RESISTOR/CHIP	MCR03EZPFX1500	1	1	1	1	1	1	1	1		X
	R25		RESISTOR/CHIP	MCR03EZPFX3300	1	1	1	1	1	1	1	1		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	D21	23901820	DIODE/CHIP	1SS355TE-17	1	1	1	1	1	1	1	1	AA	B
	C54		CAPACITOR/CHIP	GRM1882C1H120JA01D	1	1	1	1	1	1	1	1		X
	C57		CAPACITOR/CHIP	GRM1882C1H180JA01D	1	1	1	1	1	1	1	1		X
N	IC23	10129718	LSI	M5M5408BFP-70H	1	1	1	1	1	1	1	1	BV	A
	X2	10094206	X' TAL/CHIP	C-002RX-8.3/10	1	1	1	1	1	1	1	1	AF	B
N	R8	10118743	RESISTOR/METAL OXIDE	ERX1SJ5R6P	1	1	1	1	1	1	1	1	AC	C
	C59	10073679	CAPACITOR/ELECTROLYTIC	RE3-50V102M-T4	1	1	1	1	1	1	1	1	AD	C
	FU1	30007777	FUSE	230.600	1	1	1	1	1	1	1	1	AE	A
	CN5	35005846	CONNECTOR	53253-0210	1	1	1	1	1	1	1	1	AA	C
	CN11	35017728	CONNECTOR	B14B-PHDSS	1	1	1	1	1	1	1	1	AB	C
	CN10	35802364	CONNECTOR	B30B-PHDSS	1	1	1	1	1	1	1	1	AE	C
N	CN13	10072591	CONNECTOR	B5P-VH	1	1	1	1	1	1	1	1	AC	C
N	CN2,3	10120117	CONNECTOR	IMSA-9604S-25C	2	2	2	2	2	2	2	2	AD	C
N	SW1	10120118	CONNECTOR	IMSA-9202B-1-02P-T	1	1	1	1	1	1	1	1	AC	C
	SP1	32402089	BUZZER	PKM22EPT-2001	1	1	1	1	1	1	1	1	AE	C
N	SW3	10120119	SWITCH/PUSH	SKHHLSA010	1	1	1	1	1	1	1	1	AC	C
		10105400	SOCKET	IMSA-9206H-T	1	1	1	1	1	1	1	1	AA	C
N		10132073	JUMPER CABLE ASSY	RJE500783*001	1	1	1	1	1	1	1	1	AA	C
	2. LCD block													
N	**2**	10125395	CASE/LCD-F E466	RJE500658-1	1	1	1	1	1	1	1	1	BP	C
N	**3**	10126579	CASE/LCD-R E466	RJE500320-2	1	1	1	1	1	1	1	1	BF	C
N	**4**	10126580	SHEET/DISPLAY	RJE500390-2	1	1	1	1	1	1	1	1	AX	C
N	**5**	10126581	SLIDE KNOB E466	RJE500322-2	1	1	1	1	1	1	1	1	AB	C
	6	10113436	HOLDER/HINGE E468	RJE500441-1	1	1	1	1	1	1	1	1	AD	C
N	**7**	10125396	LEVER/SWITCH E466	RJE500660-1	1	1	1	1	1	1	1	1	AG	C
N	**8**	10120084	LCD UNIT	MDG12DC38-FC	1	1	1	1	1	1	1	1	CQ	A
	9	10042373	HINGE/HEXA TORQ	KH62B075L	1	1	1	1	1	1	1	1	BT	C
N	**10**	10126582	CABLE/FFC JOINER AE466	E440657-15	1	1	1	1	1	1	1	1	AS	C
N	**11**	10127169	LCD CABLE SUB ASSY	RJE500385*004V04	1	1	1	1	1	1	1	1	AR	C
	12	10114076	PANEL/LCD E468	RJE500444-1	1	1	1	1	1	1	1	1	BT	C
N	**13**	10125665	CHASSIS/LCD E466	RJE500626-1	1	1	1	1	1	1	1	1	AQ	C
N	**14**	10126583	CUSION/LCD V-E466	RJE500659-1	2	2	2	2	2	2	2	2	AB	C
N	**15**	10126584	CUSION/LCD H-E466	RJE500659-2	2	2	2	2	2	2	2	2	AB	C
			SCREW	S-PART-3X8ZC	6	6	6	6	6	6	6	6		X
			SCREW	S-WBPT-3X8ZC	4	4	4	4	4	4	4	4		X
			SCREW	S-PAMA-3X6B	2	2	2	2	2	2	2	2		X
			SCREW	S-PAMA-3X14ZC	4	4	4	4	4	4	4	4		X
			SCREW	S-PASEMA-4X5ZC	1	1	1	1	1	1	1	1		X
			SCREW	S-PASLMA-3X5ZC	2	2	2	2	2	2	2	2		X
	16	10115091	FG CABLE SUB ASSY	RJE500484*1	1	1	1	1	1	1	1	1	AB	X
N	**17**	10130211	SHEET/BLIND	RJE500761-1	1	1	1	1	1	1	1	1	AE	C
	18		PCB/E466-E23		1	1	1	1	1	1	1	1		X
N	CN1	10123502	CONNECTOR	IMSA-9610S-06Y901	1	1	1	1	1	1	1	1	AC	C
N	SW1	10120120	SWITCH/SLIDE	SSSS928200	1	1	1	1	1	1	1	1	AL	C
	VR1	10105428	VOLUME/SLIDE	RS15T11AA000	1	1	1	1	1	1	1	1	AD	C
	3. Back Light block													
N	**19**	10120087	PCB ASSY/E468-E2	RJE500570*1	1	1	1	1	1	1	1	1	BD	A
N	IC1	10120092	IC	LT1617ES5-1#TR	1	1	1	1	1	1	1	1	BD	A
	J1-3		RESISTOR/CHIP	MCR03EZHJ000	3	3	3	3	3	3	3	3		X
	R6,8		RESISTOR/CHIP	MCR03EZHJ274	2	2	2	2	2	2	2	2		X
	R3,7		RESISTOR/CHIP	MCR03EZHJ684	2	2	2	2	2	2	2	2		X
	R15,17		RESISTOR/CHIP	MCR03EZHJ750	2	2	2	2	2	2	2	2		X
	R1		RESISTOR/CHIP	MCR03EZPFX2203	1	1	1	1	1	1	1	1		X
	R2		RESISTOR/CHIP	MCR03EZPFX3902	1	1	1	1	1	1	1	1		X
	C4-8		CAPACITOR/CHIP	GRM21BB11C105KA01L	5	5	5	5	5	5	5	5		X
	C2		CAPACITOR/CHIP	GRM21BB11H224KA01L	1	1	1	1	1	1	1	1		X
	C1,3,9		CAPACITOR/CHIP	GRM31CR61C475KA45L	3	3	3	3	3	3	3	3		X
	D11	23903042	DIODE/CHIP	RB521S-30TE61	1	1	1	1	1	1	1	1	AA	B
N	L1,2	10127162	INDUCTOR/CHIP	LQH32CN470K23L	2	2	2	2	2	2	2	2	AC	B
N	CN1	10127163	CONNECTOR	S13B-ZR-SM3A-TF	1	1	1	1	1	1	1	1	AP	C
N	CN3	10120096	CONNECTOR	IMSA-9632S-16Y900	1	1	1	1	1	1	1	1	AK	C
N	CN4	10123502	CONNECTOR	IMSA-9610S-06Y901	1	1	1	1	1	1	1	1	AC	C
	R9-12,22		RESISTOR/CHIP	MCR03EZHJ101	5	5	5	5	5	5	5	5		X
	C11-15		CAPACITOR/CHIP	GRM1882C1H102JA01D	5	5	5	5	5	5	5	5		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	C10	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	1	1	1	1	1	1	1	1	AA	B
	R5		RESISTOR/CHIP	MCR03EZHJ124	1	1	1	1	1	1	1	1		X
	R4		RESISTOR/CHIP	MCR03EZHJ273	1	1	1	1	1	1	1	1		X
N	D5,6	10120089	LED	NSPG320BS(G-ST)	2	2	2	2	2	2	2	2	BL	B
N	D1,2,9,10	10120090	LED	TLOE53T	4	4	4	4	4	4	4	4	AD	B
N	D4,7,8	10133590	LED	NSPW312BSB1B2RS	3	3	3	3	3	3	3	3	BI	B
	4. Customer Display block													
	20	10104422	CASE/RDP E468	RJE500324-1	1	1	1	1	1	1	1	1	AS	C
	21	10104421	PANEL/RDP E468	RJE500323-1	1	1	1	1	1	1	1	1	AT	B
	22	43081401	PCB/E445A-E2-2	E340800-1	1	1	1	1	1	1	1	1	AF	X
	LED3-7	23201365	LED/7SEG	HDSP-5621#S02	5	5	5	5	5	5	5	5	AP	B
	LED1,2	24088398	LED	GL8EG42	2	2	2	2	2	2	2	2	AA	B
	CN2	35405193	CONNECTOR	HLW10R-2C7	1	1	1	1	1	1	1	1	AB	C
	CN1	35405194	CONNECTOR	HLW12R-2C7	1	1	1	1	1	1	1	1	AB	C
	23	10104445	CABLE/C E468	E440657-12	1	1	1	1	1	1	1	1	AF	C
	24	10114075	CABLE/D E468	E440657-13	1	1	1	1	1	1	1	1	AG	C
		10115537	CUSION/A E468	RJE500539-1	1	1	1	1	1	1	1	1	AA	X
	5. Button block													
	25	62481255	FRAME/KB E445	E140249-1	1	1	1	1	1	1	1	1	AU	C
	26	62467810	KETTOP/S	E311101A-4	62	37	63	42	62	62	62	62	AA	B
	27	62467768	KETTOP/L	E210963A-4	4	14	4	14	4	4	4	4	AD	B
	28	62210371	CAP/S	E311103A-1	50	25	51	30	50	50	50	50	AA	B
	29	62213988	CAP/L	E210964-1	4	14	4	14	4	4	4	4	AB	B
	30	62457250	BUTTON/1	E311792-1	1	1	1	1	1	1	1	1	AB	C
	31	62457260	BUTTON/2	E311792-2	1	1	1	1	1	1	1	1	AB	C
	32	62457270	BUTTON/3	E311792-3	1	1	1	1	1	1	1	1	AB	C
	33	62457280	BUTTON/4	E311792-4	1	1	1	1	1	1	1	1	AB	C
	34	62457290	BUTTON/6	E311792-5	1	1	1	1	1	1	1	1	AB	C
	35	62457300	BUTTON/7	E311792-6	1	1	1	1	1	1	1	1	AB	C
	36	62457310	BUTTON/8	E311792-7	1	1	1	1	1	1	1	1	AB	C
	37	62457320	BUTTON/9	E311792-8	1	1	1	1	1	1	1	1	AB	C
	38	62457330	BUTTON/0	E311792-9	1	1	1	1	1	1	1	1	AB	C
	39	62457340	BUTTON/.	E311792-10	1	1	1	1	1	1	1	1	AB	C
	40	62457350	BUTTON/00	E311792-11	1	1	1	1	1	1	1	1	AB	C
	41	62457360	BUTTON/5	E311116-4	1	1	1	1	1	1	1	1	AB	C
	42	62471478	BUTTON FILLER	E311197-2	5	7	5	5	5	5	5	5	AB	C
	43	62480990	RUBBER/CONTACT	E411877A-1	67	52	68	57	67	67	67	67	AA	B
	44	62473830	SPRING/COIL	E411104A-1	5	15	5	15	5	5	5	5	AA	B
			SCREW	S-WBPT-3X8ZC	10	10	10	10	10	10	10	10		X
	45	62473837	SPRING/COIL	E411104A-2	7	7	7	7	7	7	7	7	AA	B
	46	62481750	FPC/E445	E240507A-1	1	1	1	1	1	1	1	1	BF	B
	47	62481294	SHEET/COMMON	E340737-1	1	1	1	1	1	1	1	1	AV	C
	48	62481295	SPACER/E445	E340738-1	1	1	1	1	1	1	1	1	AF	C
	49	62481296	CHASSIS/KB E445	E340739-1	1	1	1	1	1	1	1	1	AK	X
	%-		PLATE/S	E240526-6	1	1	1	1	1	1	1	1		X
	-		PLATE/S	E240526-7	1	1	1	1	1	1	1	1		X
	5		PLATE/S	E240526-25	1		1		1	1	1	1		X
	6		PLATE/S	E240526-26	1		1		1	1	1	1		X
	7		PLATE/S	E240526-27	1		1		1	1	1	1		X
	8		PLATE/S	E240526-28	1		1		1	1	1	1		X
	9		PLATE/S	E240526-29	1		1		1	1	1	1		X
	10		PLATE/S	E240526-30	1		1		1	1	1	1		X
	11		PLATE/S	E240526-31	1	1	1	1	1	1	1	1		X
	12		PLATE/S	E240526-32	1	1	1	1	1	1	1	1		X
	13		PLATE/S	E240526-33	1	1	1	1	1	1	1	1		X
	14		PLATE/S	E240526-34	1	1	1	1	1	1	1	1		X
	15		PLATE/S	E240526-35	1	1	1	1	1	1	1	1		X
	16		PLATE/S	E240526-36	1		1	1	1	1	1	1		X
	17		PLATE/S	E240526-37	1		1	1	1	1	1	1		X
	18		PLATE/S	E240526-38	1		1	1	1	1	1	1		X
	19		PLATE/S	E240526-39	1		1	1	1	1	1	1		X
	20		PLATE/S	E240526-40	1		1	1	1	1	1	1		X
	21		PLATE/S	E240526-41	1		1		1	1	1	1		X
	22		PLATE/S	E240526-42	1		1		1	1	1	1		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries				
										Plug Type				
										Europe	UK	USA		
	23		PLATE/S	E240526-43	1		1		1	1	1	1		X
	24		PLATE/S	E240526-44	1		1		1	1	1	1		X
	25		PLATE/S	E240526-45	1		1		1	1	1	1		X
	26		PLATE/S	E240526-46	1		1		1	1	1	1		X
	27		PLATE/S	E240526-47	1		1		1	1	1	1		X
	28		PLATE/S	E240526-48	1		1		1	1	1	1		X
	29		PLATE/S	E240526-49	1		1		1	1	1	1		X
	30		PLATE/S	E240526-50	1		1		1	1	1	1		X
	1		PLATE/S	E240526-57	1		1		1	1	1	1		X
	2		PLATE/S	E240526-58	1		1		1	1	1	1		X
	3		PLATE/S	E240526-59	1		1		1	1	1	1		X
	4		PLATE/S	E240526-60	1		1		1	1	1	1		X
	RECEIPT FEED		PLATE/S	E240526-61	1	1	1	1	1	1	1	1		X
	JOURNAL FEED		PLATE/S	E240526-62	1	1	1	1	1	1	1	1		X
	RECEIPT		PLATE/S	E240526-63	1	1	1	1	1	1	1	1		X
	MEDIA CHANGE		PLATE/S	E240526-65	1	1			1	1	1	1		X
	#/NS		PLATE/S	E240526-66	1	1	1	1	1	1	1	1		X
	RF		PLATE/S	E240526-67	1	1	1	1	1	1	1	1		X
	ERR.CORP CANSEL		PLATE/S	E240526-68	1	1	1	1	1	1	1	1		X
	C		PLATE/S	E240526-69	1	1	1	1	1	1	1	1		X
	X/DATE TIME		PLATE/S	E240526-70	1	1		1	1	1	1	1		X
	OPEN		PLATE/S	E240526-71	1	1	1	1	1	1	1	1		X
	VAT		PLATE/S	E240526-72	1	1		1	1	1	1	1		X
	RC		PLATE/S	E240526-73	1	1	1	1	1	1	1	1		X
	CR1		PLATE/S	E240526-75	1	1	1	1	1	1	1	1		X
	CR2		PLATE/S	E240526-76	1	1	1	1	1	1	1	1		X
	CH		PLATE/S	E240526-77	1	1	1	1	1	1	1	1		X
	CHK/TEND		PLATE/S	E240526-78	1	1	1	1	1	1	1	1		X
	RECEIPT ON/OFF		PLATE/S	E240526-79			1	1						X
	X/FOR DATE TIME		PLATE/S	E240526-80			1							X
	CLK#		PLATE/S	E240526-81			1							X
	T/S2		PLATE/S	E240526-82			1							X
	PD		PLATE/S	E240526-83	1	1	1	1	1	1	1	1		X
	CE		PLATE/S	E240526-87	1	1	1	1	1	1	1	1		X
	PLU		PLATE/L	E240527-1	1	1	1	1	1	1	1	1		X
	5		PLATE/L	E240527-8		1		1						X
	6		PLATE/L	E240527-9		1		1						X
	7		PLATE/L	E240527-10		1		1						X
	8		PLATE/L	E240527-11		1		1						X
	9		PLATE/L	E240527-12		1		1						X
	10		PLATE/L	E240527-13		1		1						X
	1		PLATE/L	E240527-15		1		1						X
	2		PLATE/L	E240527-16		1		1						X
	3		PLATE/L	E240527-17		1		1						X
	4		PLATE/L	E240527-18		1		1						X
	PRICE		PLATE/L	E240527-19	1	1	1	1	1	1	1	1		X
	CPN		PLATE/L	E240527-20	1	1		1	1	1	1	1		X
	SUB TOTAL		PLATE/L	E240527-21	1	1	1	1	1	1	1	1		X
	T/S1		PLATE/L	E240527-22			1							X
	50	10115542	PLATE/L HOOK	RJE500521-001	1	1	1	1	1	1	1	1	AP	X
	51	10115543	PLATE/R HOOK	RJE500522-001	1	1	1	1	1	1	1	1	AR	X
N	**52**	10125559	FG CABLE SUB ASSY	RJE500484*003	1	1	1	1	1	1	1	1	AB	X
	CA/AMT TEND		PLATE/LLL	E340772-2	1	1	1	1	1	1	1	1		X
	53	10078727	KETTOP/LLL	E211132-3	1	1	1	1	1	1	1	1	AB	B
	54	62214346	CAP/LLL	E211131-1	1	1	1	1	1	1	1	1	AC	B
		62461990	BUTTON FILLER	E412129-1	1				1	1	1	1	AE	C
	6. Power supply block													
	55	62214802	CORD/POWER	M2511	1			1		1			BC	C
	56	37010242	CORD/POWER	MP5004		1					1		BO	C
	57	37004283	CORD/POWER	M3203					1				AZ	C
	58	10023027	CORD/POWER	PS204-A			1					1	AR	C
N	**59**	94870868	POWER SUPPLY UNIT	PS-466-1D-(H)			1						DE	A
N	**60**	94870869	POWER SUPPLY UNIT	PS-466-2D-(H)	1	1		1					DE	A
N	**61**	94870870	POWER SUPPLY UNIT	PS-466-U-(H)					1	1	1	1	DG	A

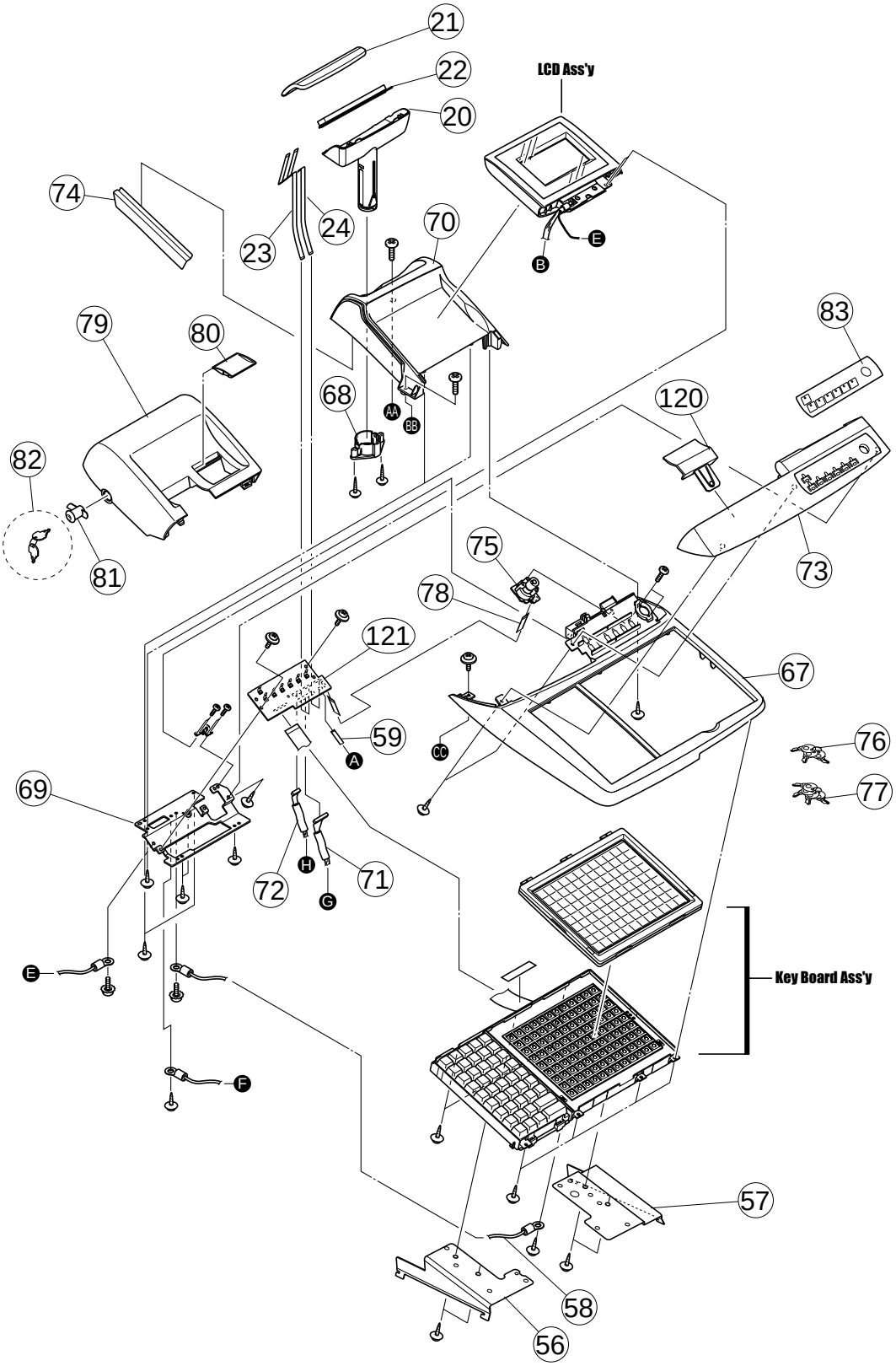
N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
		55300526	CONNECTOR	CE2	2	2	2	2	2	2	2	2	AA	X
			SCREW	S-PASEMA-4X5ZC	1	1	1	1	1	1	1	1		X
N		10126578	CABLE/FG	RJE500484*004	1	1	1	1	1	1	1	1	AB	C
			WASHER	W-ET-4ZC	1	1	1	1	1	1	1	1		X
			CLIP	CS-4U	2	2	2	2	2	2	2	2		X
			SCREW	S-PART-3X10ZC	2	2	2	2	2	2	2	2		X
	7. Upper case block													
N	**62**	10126565	CASE/UPPER E466	RJE500442-004	1	1	1	1	1	1	1	1	AX	C
	63	10104622	BUSH/RDP E468	RJE500339-001	1	1	1	1	1	1	1	1	AC	C
			SCREW	S-WBPT-3X20ZC	2	2	2	2	2	2	2	2		X
			SCREW	S-WBPT-3X8ZC	17	17	17	17	17	17	17	17		X
N	**64**	10125666	CHASSIS/CLERK SW	RJE500627-001	1	1	1	1	1	1	1	1	BM	X
N	**65**	10126572	CASE/DISPLAY	RJE500406-002	1	1	1	1	1	1	1	1	BI	C
	66	10111059	KEY CABLE SUB ASSY	RJE500388*001	1	1	1	1	1	1	1	1	BN	C
	67	10111063	KEY CABLE SUB ASSY	RJE500388*002	1	1	1	1	1	1	1	1	BF	C
			SCREW	S-PASLMA-3X5ZC	2	2	2	2	2	2	2	2		X
			SCREW	S-PASEMA-4X5ZC	3	3	3	3	3	3	3	3		X
			SCREW	S-PAMA-3X6B	2	2	2	2	2	2	2	2		X
N	**68**	10125392	BOARD/FK	RJE500625-001	1	1	1	1	1	1	1	1	CE	C
		10115092	FG CABLE SUB ASSY	RJE500484*002	1	1	1	1	1	1	1	1	AC	X
	69	10115541	SHEET/BLIND	RJE500514-001	1	1	1	1	1	1	1	1	AG	C
N	**70**	10126573	SWITCH/MODE KEY	S608-066	1	1	1	1	1	1	1	1	BF	B
N	**71**	10126548	KEY SET/MODE KEY	S608-066KEY-SET	1			1	1	1	1	1	BC	B
N	**72**	10126549	KEY SET/MODE KEY	S608-067KEY-SET		1	1						AX	B
			SCREW	S-PART-3X8ZC	2	2	2	2	2	2	2	2		C
N	**73**	10126574	CABLE/FFC JOINER	E440657-016	1	1	1	1	1	1	1	1	AK	C
N	**74**	10126587	COVER/PRINTER E466	RJE500325-002	1	1	1	1	1	1	1	1	BI	C
N	**75**	10104420	COVER/JOURNAL	RJE500326-001	1	1	1	1	1	1	1	1	AE	C
	76	10115524	CYLINDER LOCK ASSY	E341056*2	1	1	1	1	1	1	1	1	AI	C
	77	62465000	KEY SET/PRINTER COVER	E412062*1	1	1	1	1	1	1	1	1	AG	C
N	**78**	10125391	PLATE/MK	RJE500624-001	1	1			1	1	1	1	AR	C
N	**78**	10126550	PLATE/MK	RJE500698-001			1	1					AI	C
			SCREW	S-BDMA-4X10B	2	2	2	2	2	2	2	2		X
	8. Lower case block													
	79	10104438	CASE/LOWER E468	RJE500338-001	1	1	1	1	1	1	1	1	BV	C
	80	10104345	COVER/CONNECTOR	RJE500328-001	1	1	1	1	1	1	1	1	AK	C
N	**81**	10126551	MAIN CHASSIS E466	RJE500304-003	1	1	1	1	1	1	1	1	BK	X
	82	10104436	SUB CHASSIS E468	RJE500305-001			1						BD	X
N	**82**	10130191	SUB CHASSIS E466	RJE500305-002	1	1		1	1	1	1	1	AG	X
	83	62213892	ROLLER/E233	E411377-1	2	2	2	2	2	2	2	2	AA	B
	84	10054340	INLINE CABLE SUB ASSY	E440720*3			1						AE	C
	85	10085156	DRAWER CABLE SUB ASSY	E440737*1	1	1	1	1	1	1	1	1	AK	C
N	**86**	10125506	COVER/CF E468	RJE500311-001V002	1	1	1	1	1	1	1	1	BF	C
	87	10104444	CABLE/FFC JOINER BE468	E440657-011	1	1	1	1	1	1	1	1	AG	C
			SCREW	S-WBPT-3X8 ZC	11	11	11	11	11	11	11	11		X
N	**88**	10126552	CHASSIS/POWER SUPPLY	RJE500404-002	1	1	1	1	1	1	1	1	AR	C
	89	10104440	ARC CABLE SUB ASSY	RJE500386*001			1						AF	C
	90	10104439	COVER/POWER SWITCH	RJE500340-001	1	1	1	1	1	1	1	1	AB	C
	91	62472318	CABLE/FG	E310997-26	1	1	1	1	1	1	1	1	AE	X
	92	10114111	CHASSIS/GROUND	RJE500453-001	1	1	1	1	1	1	1	1	AD	X
	93	10114113	CHASSIS/CONNECTOR	RJE500479-001	1	1	1	1	1	1	1	1	AC	X
			TIE/INSULOCK	T-18S	1	1	1	1	1	1	1	1		X
			SCREW	S-PASLMA-3X5ZC	10	10	15	10	10	10	10	10		X
			SCREW	S-PASLMA-4X5ZC	6	6	6	6	6	6	6	6		X
			SCREW	S-PASEMA-4X5ZC	3	3	3	3	3	3	3	3		X
			SCREW	S-WBPT-4X10ZC	4	4	4	4	4	4	4	4		X
			CLIP	CS-4U	2	2	2	2	2	2	2	2		X
			SCREW	S-PAMA-4X35ZC	2	2	2	2	2	2	2	2		X
			SCREW	S-BDMA-6X10NI	1	1	1	1	1	1	1	1		X
	94	30007581	FASTEN TAB	23031-2	1	1	1	1	1	1	1	1	AA	X
N		10021924	BUSH	NO.2103	1	1	1	1	1	1	1	1	AB	X
N	**95**	10125667	PLATE/CORD	RJE500710-001	1	1	1	1	1	1	1	1	AI	C
N	**96**	10129094	SHEET/BLIND	RJE500760-001	1	1	1	1	1	1	1	1	AB	C
	97	10022019	BATTERY ASSY	E441073*1	1	1	1	1	1	1	1	1	BP	A

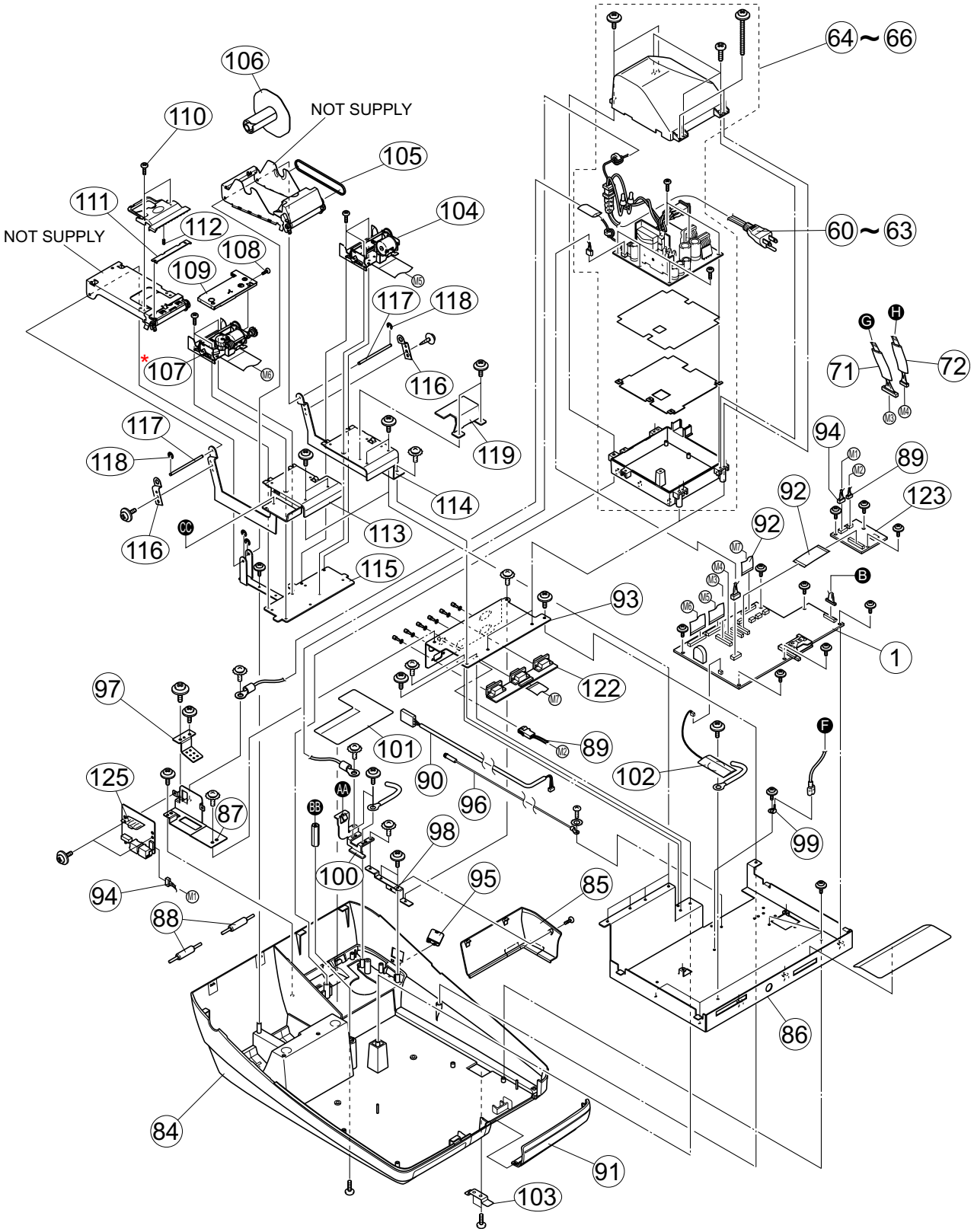
N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	Rank
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries				
										Plug Type				
										Europe	UK	USA		
			SCREW	S-BDMA-3X5NI	4	4	4	4	4	4	4	4		X
	98	1011 4090	COVER/SWITCH	RJE500492-1	1	1	1	1	1	1	1	1	AC	C
	9. Printer block													
	99	9487 0779	FRAME UNIT/JOURNAL	1232726	1	1	1	1	1	1	1	1	CX	C
	100	9487 0781	BELT/PAPER TAKE-UP	1231986	1	1	1	1	1	1	1	1	AD	B
	101	9487 0780	SHAFT/PAPER ROLLING	1232732	1	1	1	1	1	1	1	1	AQ	B
	102	9487 0773	FRAME UNIT/RECEIPT	1232684	1	1	1	1	1	1	1	1	CY	C
		* 102 There are 2 versions of the receipt printer. Please refer to the service bulletin ECR-542 for the details.												
	103	9487 0774	SCREW	1018232	1	1	1	1	1	1	1	1	AA	X
	104	9487 0775	CUTTER UNIT	1236376	1	1	1	1	1	1	1	1	BS	A
	105	9487 0776	SCREW	1073844	2	2	2	2	2	2	2	2	AB	X
	106	9487 0777	CUTTER/FIXED	1231681	1	1	1	1	1	1	1	1	BK	A
	107	9487 0778	SPRING	1231999	1	1	1	1	1	1	1	1	AA	B
	108	1011 4233	CHASSIS/PR L	RJE500466-001	1	1	1	1	1	1	1	1	AR	C
	109	1011 4234	CHASSIS/PR R	RJE500470-001	1	1	1	1	1	1	1	1	AR	C
	110	1011 4235	CHASSIS/PR C	RJE500474-001	1	1	1	1	1	1	1	1	AR	C
	111	1011 4236	CHASSIS/PR MOUNT	RJE500446-001	2	2	2	2	2	2	2	2	AC	C
	112	1011 4237	SHAFT/E468	RJE500450-001	2	2	2	2	2	2	2	2	AC	C
			SCREW	S-PASLMA-3X5ZC	4	4	4	4	4	4	4	4		X
			SCREW	S-PAMA-3X5ZC	6	6	6	6	6	6	6	6		X
	113	1011 4238	E-RING	R-ER-3TCBL	4	4	4	4	4	4	4	4	AA	C
	114	1011 3437	COVER/PR PROTECT	RJE500467-001	1	1	1	1	1	1	1	1	AF	C
N	**115**	1012 6612	COVER/CUTTER	RJE500329-002	1	1	1	1	1	1	1	1		C
	10. Clerk switch circuit													
N	**116**	1012 0098	PCB ASSY/E466-E6	RJE500572*001	1	1			1	1	1	1		A
N	**116**	1012 0101	PCB ASSY/E466-E6	RJE500572*002			1	1						A
	IC1-3	1000 5662	IC/CMOS	SN74LV374APWR	3	3	3	3	3	3	3	3	AF	A
	IC4-5	2112 0823	IC	BA12003BF-E2	3	3	3	3	3	3	3	3	AF	A
	R5,8,11		RESISTOR/CHIP	MCR03EZHJ000	3	3	3	3	3	3	3	3		X
	R14-32		RESISTOR/CHIP	MCR03EZHJ101	19	19	19	19	19	19	19	19		X
	R1,3,6,9,12		RESISTOR/CHIP	MCR03EZHJ103	5	5	5	5	5	5	5	5		X
	R2,4,7,10,13		RESISTOR/CHIP	MCR03EZHJ471	5	5	5	5	5	5	5	5		X
	RM1-5	2775 3288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103	5	5	5	5	5	5	5	5	AA	C
	C2,4,6		CAPACITOR/CHIP	GRM1882C1H101JA01D	3	3	3	3	3	3	3	3		X
	C1,3,5		CAPACITOR/CHIP	GRM188B11E104KA01D	3	3	3	3	3	3	3	3		X
	C7	2807 3647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	1	1	1	1	1	1	1	1	AA	B
	D1-15	1000 9218	DIODE/CHIP	1SS400TE61	15	15	15	15	15	15	15	15	AA	B
	Q1-5	2250 1603	TRANSISTOR/CHIP	2SB1182TLQR	5	5	5	5	5	5	5	5	AC	B
N	CN6	3502 2678	CONNECTOR	IMSA-9610S-04Y901	1	1	1	1	1	1	1	1		C
N	CN5	1013 3459	CONNECTOR	IMSA-9610S-09Y914	1	1	1	1	1	1	1	1		C
N	CN1	1013 3460	CONNECTOR	IMSA-9610S-10Y914	1	1	1	1	1	1	1	1		C
N	CN2	1013 3461	CONNECTOR	IMSA-9610S-12Y914	1	1	1	1	1	1	1	1		C
N	CN4	1013 3464	CONNECTOR	IMSA-9610S-27Y914	1	1	1	1	1	1	1	1		C
	CN3	3501 7728	CONNECTOR	B14B-PHDSS	1	1	1	1	1	1	1	1	AB	C
	CN7	3580 2364	CONNECTOR	B30B-PHDSS	1	1	1	1	1	1	1	1	AE	C
	SW1-7	3412 1029	SWITCH/TACT	SKHHAL	7	7			7	7	7	7	AA	B
	D16-22	2408 8399	LED	GL3EG8	7	7			7	7	7	7	AA	B
N		1012 9717	SPACER/LED	LH-3-8	7	7			7	7	7	7		C
	11. Connector board													
	117	1010 4432	PCB ASSY/E468-CNB1	RJE500414*001V01	1	1	1	1	1	1	1	1		B
		1010 5423	PCB/E468-CNB1	RJE500415-001	1	1	1	1	1	1	1	1	AD	C
	CN1	1010 5422	CONNECTOR	HLW25R-2C7	1	1	1	1	1	1	1	1	AE	C
	CN2-4	3000 7917	CONNECTOR	ID9P33E4GX28	3	3	3	3	3	3	3	3	AK	C
	12.Other													
		1010 4433	COVER/DALLAS E468	RJE500428-001	1	1	1	1	1	1	1	1		C
N		1013 0347	SPACER/CIRCUIT BOARD	SPD-12U	2	2	2	2	2	2	2	2		C
N		1013 0348	INSULATOR/PB	RJE500774-001	1	1	1	1	1	1	1	1		C
	13. ARCNET In-line board (Standard:USA/Canada , Option:Other countries)													
N	**118**	1012 0106	PCB ASSY/E466-ARC	RJE500574*001			1							A
			PCB/E466-ARC	RJE500581-001			1							X
	IC2	1000 6024	LSI	COM20019ILJP			1						CF	A
	IC3	1007 4005	IC/CMOS	SN751178NSR			1						BG	A
N	IC4	1012 0109	IC/CMOS	SN74AHC1G32DCKR			1							A
	IC1	1005 0431	IC/CMOS	SN74LV373APWR			1						AI	A
	R7-10		RESISTOR/CHIP	MCR03EZHJ100			4							X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	R1,13		RESISTOR/CHIP	MCR03EZHJ101			2							X
	R11,12		RESISTOR/CHIP	MCR03EZHJ102			2							X
	R4		RESISTOR/CHIP	MCR03EZHJ105			1							X
	R5,6		RESISTOR/CHIP	MCR03EZHJ203			2							X
	R2		RESISTOR/CHIP	MCR03EZHJ563			1							X
	RM5,6	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103			2						AA	C
	C5		CAPACITOR/CHIP	GRM1882C1H101JA01D			1							X
	C1-3,6		CAPACITOR/CHIP	GRM188B11E104KA01D			4							X
	C4	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R			1						AA	B
	D1-4	30007959	DIODE/CHIP	1SS376TE-17			4						AA	B
	D5	23153115	DIODE/ZENER	PTZTE-255.1B			1						AB	B
N	X1	10128718	CERALOCK/CHIP	CSTCE20M0V53-R0			1						AI	B
	FU1,2	30008079	FUSE/CHIP	430.500			2						AD	A
	CN3	77401603	CONNECTOR	B2B-PH-SM3-TB			1						AC	C
	CN2	35018645	CONNECTOR	B5B-PH-SM3-TB			1						AC	C
N	CN1	10133465	CONNECTOR	IMSA-9610S-28Y914			1						AK	C
	RM1-4	27753297	RESISTOR/CHIP NETWORK	MNR14E0ABJ101			4						AA	C
	R3		RESISTOR/CHIP	MCR03EZHJ471			1							X
	SW1	10073681	SWITCH/SLIDE	SSSU141500			1						AJ	B
N	**119**	10126564	CABLE/FFC JOINER	E440657-017			1						AK	C
	14. CAT5 board (Standard:USA/Canada , Option:Other countries)													
	120	10104431	PCB ASSY/E468-ARC	RJE500411*001V01			1						DE	A
		10105420	PCB/E468-ARC	RJE500412-001			1						AF	C
	IC1	10105419	IC	HYC2000			1						BV	A
	R5	10074510	RESISTOR/CHIP	RD25SM10-6101J			1						AA	X
	R3,4	10082973	RESISTOR/CHIP	RD25SM10-6154J			1						AA	X
	C1	10073686	CAPACITOR	ECQ-V1H104JZW			1						AD	X
	C2	10073688	CAPACITOR/ELECTROLYTIC	RE3-16V470M			1						AA	C
	C3,4	10074512	CAPACITOR	DEA1X3A180JC1B			2						AA	X
	CN2,3	35020073	CONNECTOR	TM5RJ3-88			2						AT	C
	SW1	10105421	SLIDE SWITCH	SSSU111400			1						AI	C
	CN1	35016307	CONNECTOR	S5B-PH-K-S			1						AA	C

N	Item	Code No.	Parts Name	Specification	Q'ty	Price Code	Rank
	15. Extended RAM board (Option)						
			PCB/E466-RAM	RJE500582-001	1		X
N	IC2,3	10129718	LSI	M5M5408BFP-70H	2	BV	A
	IC1	10003984	IC/CMOS	SN74LV00APWR	1	AB	A
N	RM1-8	10047444	RESISTOR/CHIP NETWORK	MNR14E0ABJ470	8	AB	C
	C1-3		CAPACITOR/CHIP	GRM188B11E104KA01D	3		X
N	C4	10128719	CAPACITOR/ELECTROLYTIC	RE3-16V101M	1	AA	B
		10005796	CONNECTOR	IMSA-9841B-40Y930	1	AI	C

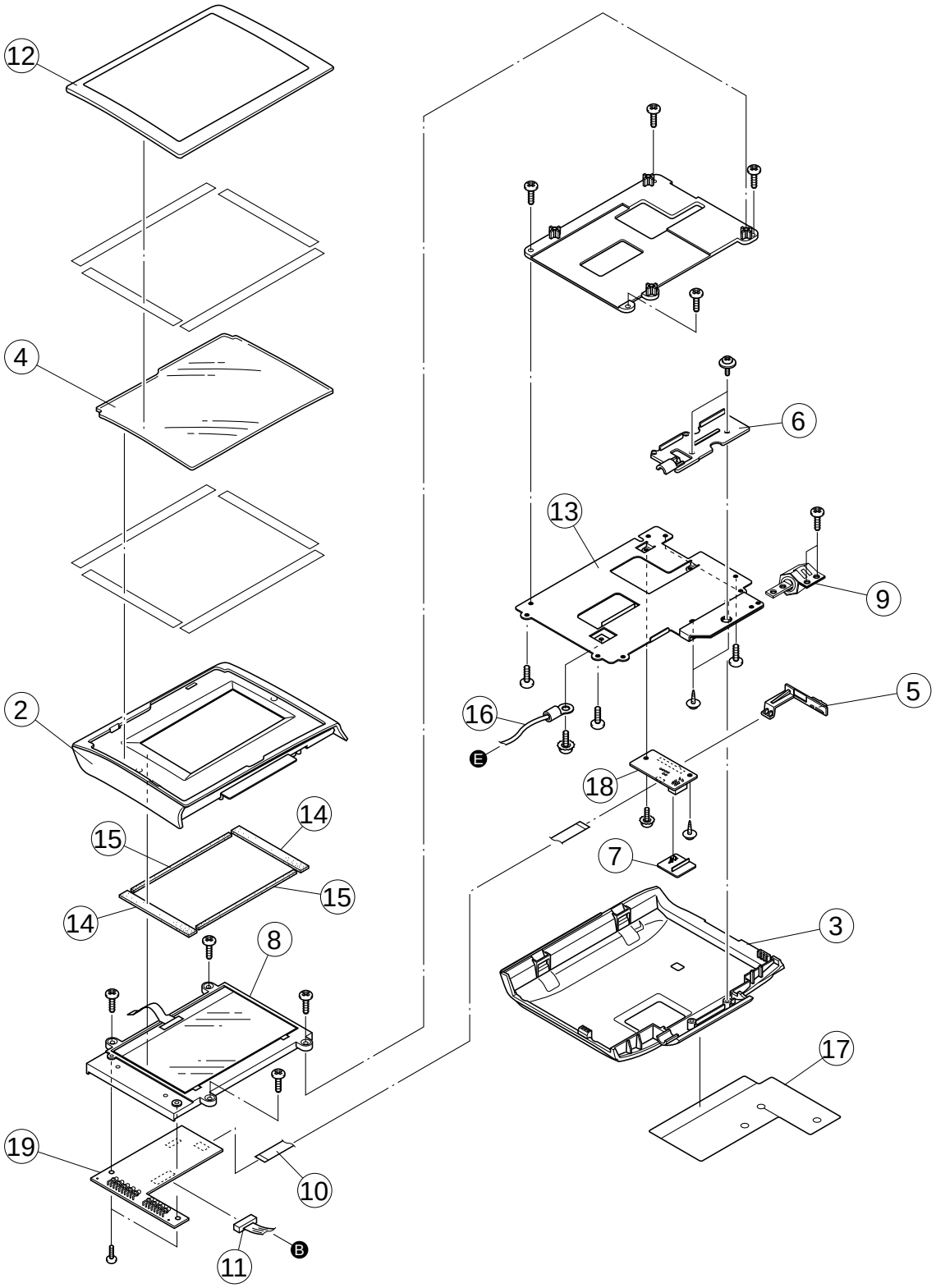
TE-4000F UPPER CASE ASSY



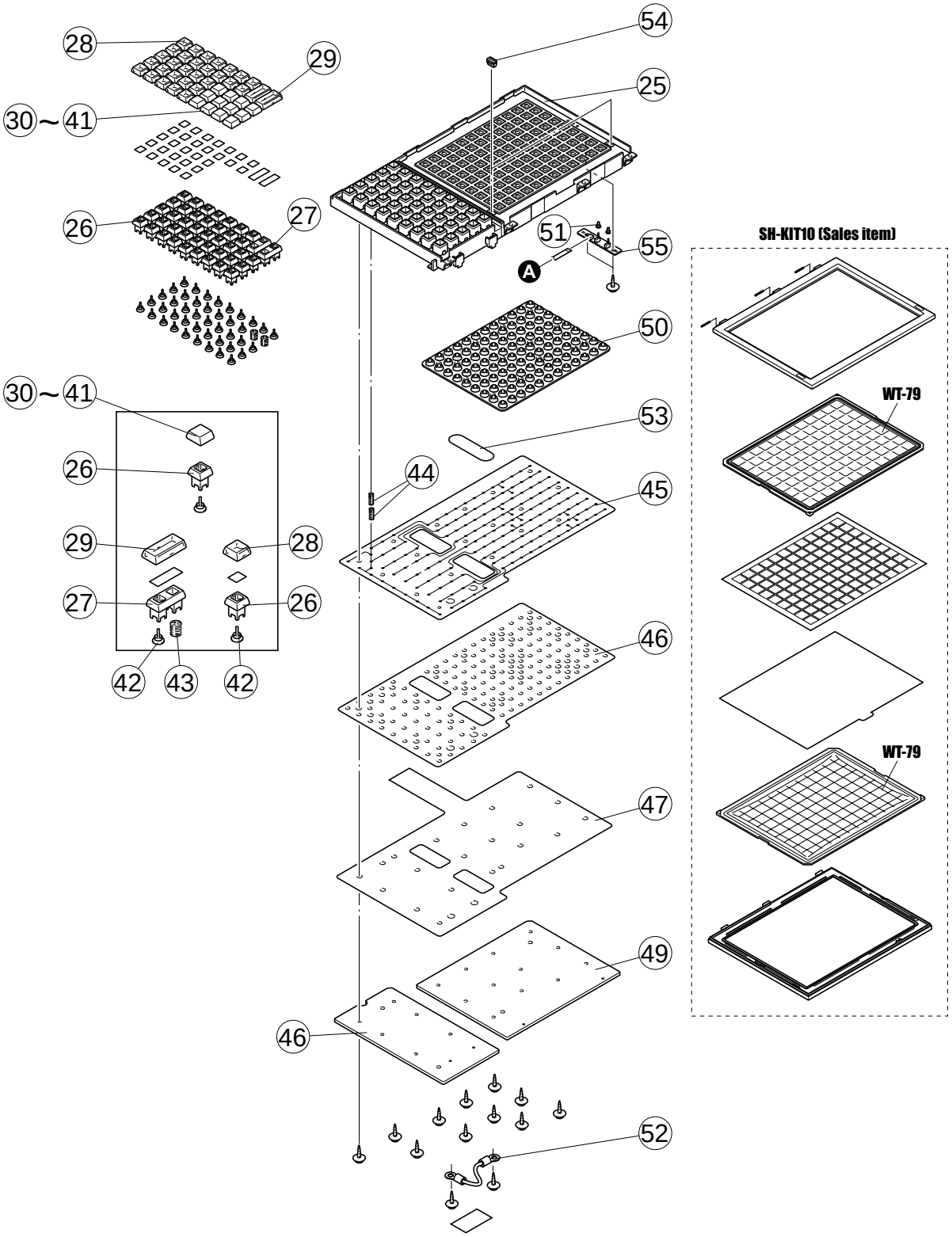


* 107 There are 2 versions of the receipt printer. Please refer to the service bulletin ECR-542 for the details.

TE-4000F LCD ASSY



TE-4000F KEYBOARD ASSY



TE-4000F

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type Europe	Other Countries Plug Type UK	Other Countries Plug Type USA		
	1. MAIN PCB BLOCK													
N	**1**	10120115	PCB ASSY/E466-1	RJE500568*001	1	1	1	1	1	1	1	1	EC	A
N	IC12	10120082	LSI	UPD784215AGC8038EU	1	1	1	1	1	1	1	1	BN	A
	IC16	10111217	LSI	UPD784215AGC8028EU	1	1	1	1	1	1	1	1	BN	A
N	IC24	10120083	LSI	MBM29F160BE90TN	1	1	1	1	1	1	1	1	BH	A
	IC26	20061702	IC	M66300FP-201	1	1	1	1	1	1	1	1	BF	A
	IC10,11	21120788	IC	L6219DS	2	2	2	2	2	2	2	2	BC	A
N	IC19	10022117	IC/CMOS	SN74AHC1G04DCKR	1	1	1	1	1	1	1	1	AA	A
	IC32	10105416	IC/CMOS	SN74AHCT08PWR	1	1	1	1	1	1	1	1	AC	A
N	IC34	10120128	IC/CMOS	SN74AHCT244PWR	1	1	1	1	1	1	1	1	AC	A
N	IC14	10120129	IC/CMOS	SN74LV04APWR	1	1	1	1	1	1	1	1	AC	A
	IC17,22	10005659	IC/CMOS	SN74LV08APWR	2	2	2	2	2	2	2	2	AB	A
N	IC15	10120130	IC/CMOS	SN74LV11APWR	1	1	1	1	1	1	1	1	AC	A
	IC5	21056580	IC/CMOS	SN74LV14APWR	1	1	1	1	1	1	1	1	AC	A
	IC9,13	10004413	IC/CMOS	SN74LV32APWR	2	2	2	2	2	2	2	2	AB	A
	IC8	10005669	IC/CMOS	SN74LV139APWR	1	1	1	1	1	1	1	1	AD	A
	IC2	10007175	IC/CMOS	SN74LV157APWR	1	1	1	1	1	1	1	1	AE	A
	IC7	10005721	IC/CMOS	SN74LV244APWR	1	1	1	1	1	1	1	1	AF	A
	IC33	10050431	IC/CMOS	SN74LV373APWR	1	1	1	1	1	1	1	1	AI	A
N	IC27	10120131	IC/CMOS	SN74LVC08APWR	1	1	1	1	1	1	1	1	AC	A
	IC35,36	10105407	IC/CMOS	SN74LVC244APWR	2	2	2	2	2	2	2	2	AA	A
N	IC25	10097860	IC/MOS	XC6201P332MR	1	1	1	1	1	1	1	1	AB	A
N	IC42	10127165	IC/RESET	S-80123BNMC-JGI-T2	1	1	1	1	1	1	1	1	AI	A
	IC3,4	21120820	IC	HIN211CA-T	2	2	2	2	2	2	2	2	AT	A
	IC1	21120819	IC	HIN202CBN-T	1	1	1	1	1	1	1	1	AP	A
	IC6,31	21120821	OPAMP	BA10393F-E2	2	2	2	2	2	2	2	2	AB	A
	R3-5,9-14,88,100, R121,140,150-152, R154,264-282		RESISTOR/CHIP	MCR03EZHJ000	37	37	37	37	37	37	37	37		X
	R86,109-111,158, R228,238,345,346		RESISTOR/CHIP	MCR03EZHJ101	9	9	9	9	9	9	9	9		X
	R23,39,51,54,71, R76,77,155,160, R287,341		RESISTOR/CHIP	MCR03EZHJ102	11	11	11	11	11	11	11	11		X
	R17,18,40-43, R56-60,63,64,67, R69,70,73-75,81, R83-85,87,95,105, R108,112,115-119, R122,130,144-149, R163-172,175-178, R186-189,193-195, R213-227,229-232, R234-237,241-243, R253,254,262,263, R283-286,288-296, R344		RESISTOR/CHIP	MCR03EZHJ103	106	106	106	106	106	106	106	106		X
	R68,173		RESISTOR/CHIP	MCR03EZHJ104	2	2	2	2	2	2	2	2		X
	R24,31-33,185,199, R203,207		RESISTOR/CHIP	MCR03EZHJ123	8	8	8	8	8	8	8	8		X
	R182,196,200,204		RESISTOR/CHIP	MCR03EZHJ202	4	4	4	4	4	4	4	4		X
	R52,55,79,82		RESISTOR/CHIP	MCR03EZHJ203	4	4	4	4	4	4	4	4		X
	R44		RESISTOR/CHIP	MCR03EZHJ222	1	1	1	1	1	1	1	1		X
	R15,16,20-22,26, R27,34-38,141		RESISTOR/CHIP	MCR03EZHJ332	13	13	13	13	13	13	13	13		X
	R90		RESISTOR/CHIP	MCR03EZHJ334	1	1	1	1	1	1	1	1		X
	R28-30,48,49,61, R62,65,66,174, R179-181,190-192, R208,209,211,212, R245-252		RESISTOR/CHIP	MCR03EZHJ470	28	28	28	28	28	28	28	28		X
	R46,153,156,157, R161,183,197,201, R205,340		RESISTOR/CHIP	MCR03EZHJ472	10	10	10	10	10	10	10	10		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	R72,104,159,184, R198,202,206,233, R255-261,312,313, R327-339		RESISTOR/CHIP	MCR03EZHJ563	30	30	30	30	30	30	30	30		X
	R1,7		RESISTOR/CHIP	MCR10EZHJ271	2	2	2	2	2	2	2	2		X
	R50,53,78,80		RESISTOR/CHIP	MCR100JZHJ3R6	4	4	4	4	4	4	4	4		X
	R6,47,103		RESISTOR/CHIP	MCR03EZPFX1002	3	3	3	3	3	3	3	3		X
	R2,45		RESISTOR/CHIP	MCR03EZPFX1003	2	2	2	2	2	2	2	2		X
	R143		RESISTOR/CHIP	MCR03EZPFX1802	1	1	1	1	1	1	1	1		X
	R142		RESISTOR/CHIP	MCR03EZPFX4702	1	1	1	1	1	1	1	1		X
	R107		RESISTOR/CHIP	MCR03EZPFX5602	1	1	1	1	1	1	1	1		X
N	RM1-5	10050896	RESISTOR/CHIP NETWORK	MNR14E0ABJ000	5	5	5	5	5	5	5	5	AA	C
	RM6,7,19-22	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103	6	6	6	6	6	6	6	6	AA	C
N	RM15-18	27753301	RESISTOR/CHIP NETWORK	MNR14E0ABJ104	4	4	4	4	4	4	4	4	AA	C
N	RM8-14,24,26,27, RM29	10047444	RESISTOR/CHIP NETWORK	MNR14E0ABJ470	11	11	11	11	11	11	11	11	AA	C
	C35,90,94-96, C100-105,111, C113-122		CAPACITOR/CHIP	GRM1882C1H101JA01D	22	22	22	22	22	22	22	22		X
	C1,3-7,9,11,12,14, C16-20,22-24,28, C30-32,39-41,46, C52,53,55,56,58, C60-63,65,66,70, C71,73,74,77,78, C93,97,99, C106-110,112,123		CAPACITOR/CHIP	GRM188B11E104KA01D	53	53	53	53	53	53	53	53		X
	C67		CAPACITOR/CHIP	GRM188B10J105KA01D	1	1	1	1	1	1	1	1		X
	C27,29,42,43		CAPACITOR/CHIP	GRM1882C1H271JA01D	4	4	4	4	4	4	4	4		X
	C25,26,44,45		CAPACITOR/CHIP	GRM188B11H472KA01D	4	4	4	4	4	4	4	4		X
	C2,15,98		CAPACITOR/CHIP	GRM21BB11H104KA01L	3	3	3	3	3	3	3	3		X
	C79		CAPACITOR/CHIP	GRM21BB11C105KA01L	1	1	1	1	1	1	1	1		X
	CM1-4	28456609	CAPACITOR/CHIP MODULE	CAF13CG101K50AT	4	4	4	4	4	4	4	4	AA	C
	C76	10074012	CAPACITOR/ELECTROLYTIC	RV-16V471MH10-R	1	1	1	1	1	1	1	1	AC	C
	C36,37	28077818	CAPACITOR/ELECTROLYTIC	RV-35V101MG10-R	2	2	2	2	2	2	2	2	AB	C
	C8,10	28077869	CAPACITOR/ELECTROLYTIC	RV2-16V100MB55-R	2	2	2	2	2	2	2	2	AA	C
	C13,34,47,48,64,81	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	6	6	6	6	6	6	6	6	AA	C
	C21	28077106	CAPACITOR/ELECTROLYTIC	RV2-35V100M-R	1	1	1	1	1	1	1	1	AA	C
N	C38	28077127	CAPACITOR/ELECTROLYTIC	RV2-50V010M-R	1	1	1	1	1	1	1	1	AA	C
	C33,72,91	28073626	CAPACITOR/ELECTROLYTIC	RV3-10V221MF80-R	3	3	3	3	3	3	3	3	AB	C
	D9,11-13	23902058	DIODE/CHIP	1SR154-400TE25	4	4	4	4	4	4	4	4	AB	B
	D10,14-16	10009218	DIODE/CHIP	1SS400TE61	4	4	4	4	4	4	4	4	AA	B
	D17	23153125	DIODE/CHIP ZENER	RD22UJN1-T1	1	1	1	1	1	1	1	1	AA	B
	D1-8	28953130	DIODE/CHIP	RB051L-40TE25	8	8	8	8	8	8	8	8	AC	B
	D18-20	23903042	DIODE/CHIP	RB521S-30TE61	3	3	3	3	3	3	3	3	AA	B
N	Q10,13,15	10120138	TRANSISTOR	2SA2018-TL	3	3	3	3	3	3	3	3	AC	B
	Q7	22501601	TRANSISTOR	2SC4617TLQ	1	1	1	1	1	1	1	1	AA	B
	Q1,3-5	10076311	TRANSISTOR	2SD1626-TD	4	4	4	4	4	4	4	4	AC	B
	Q2	10091501	TRANSISTOR	FSS134-TL	1	1	1	1	1	1	1	1	AQ	B
	Q9,12,14	25902697	TRANSISTOR/DIGITAL	DTC114EETL	3	3	3	3	3	3	3	3	AA	B
	Q6,8,11	22592674	TRANSISTOR/DIGITAL	DTC114YETL	3	3	3	3	3	3	3	3	AA	B
	X1,3	10111105	CERALOCK/CHIP	CSTCE16M0V53-R0	2	2	2	2	2	2	2	2	AC	B
	CN17	35019394	CONNECTOR	B2B-ZR-SM3-TF	1	1	1	1	1	1	1	1	AB	C
	CN4,6-8	35021809	CONNECTOR	B3B-PH-SM3-TB	4	4	4	4	4	4	4	4	AC	C
N	CN15	10127166	CONNECTOR	B13B-ZR-SM3-TF	1	1	1	1	1	1	1	1	AK	C
N	CN12	10133462	CONNECTOR	IMSA-9610S-24Y914	1	1	1	1	1	1	1	1	AI	C
N	CN1	10133463	CONNECTOR	IMSA-9610S-25Y914	1	1	1	1	1	1	1	1	AK	C
N	CN9	10133465	CONNECTOR	IMSA-9610S-28Y914	1	1	1	1	1	1	1	1	AK	C
	CN14	10005684	CONNECTOR	IMSA-9830S-40Y930	1	1	1	1	1	1	1	1	AI	C
	SW2	10004466	SLIDE SWITCH	SSSS823-B-3B	1	1	1	1	1	1	1	1	AF	C
	CN16	10105403	CONNECTOR	62451-022L	1	1	1	1	1	1	1	1	BL	C
	R342,343		RESISTOR/CHIP	MCR03EZHJ271	2	2	2	2	2	2	2	2		X
	R19		RESISTOR/CHIP	MCR03EZPFX1500	1	1	1	1	1	1	1	1		X
	R25		RESISTOR/CHIP	MCR03EZPFX3300	1	1	1	1	1	1	1	1		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	D21	23901820	DIODE/CHIP	1SS355TE-17	1	1	1	1	1	1	1	1	AA	B
	C54		CAPACITOR/CHIP	GRM1882C1H120JA01D	1	1	1	1	1	1	1	1		X
	C57		CAPACITOR/CHIP	GRM1882C1H180JA01D	1	1	1	1	1	1	1	1		X
N	IC23	10129718	LSI	M5M5408BFP-70H	1	1	1	1	1	1	1	1	BR	A
	X2	10094206	X' TAL/CHIP	C-002RX-8.3/10	1	1	1	1	1	1	1	1	AF	B
N	R8	10118743	RESISTOR/METAL OXIDE	ERX1SJ5R6P	1	1	1	1	1	1	1	1	AC	C
	C59	10073679	CAPACITOR/ELECTROLYTIC	RE3-50V102M-T4	1	1	1	1	1	1	1	1	AD	C
	FU1	30007777	FUSE	230.600	1	1	1	1	1	1	1	1	AE	A
	CN5	35005846	CONNECTOR	53253-0210	1	1	1	1	1	1	1	1	AA	C
	CN11	35017728	CONNECTOR	B14B-PHDSS	1	1	1	1	1	1	1	1	AB	C
	CN10	35802364	CONNECTOR	B30B-PHDSS	1	1	1	1	1	1	1	1	AE	C
N	CN13	10072591	CONNECTOR	B5P-VH	1	1	1	1	1	1	1	1	AC	C
N	CN2,3	10120117	CONNECTOR	IMSA-9604S-25C	2	2	2	2	2	2	2	2	AD	C
N	SW1	10120118	CONNECTOR	IMSA-9202B-1-02P-T	1	1	1	1	1	1	1	1	AC	C
	SP1	32402089	BUZZER	PKM22EPT-2001	1	1	1	1	1	1	1	1	AE	C
N	SW3	10120119	SWITCH/PUSH	SKHHLSA010	1	1	1	1	1	1	1	1	AC	C
		10105400	SOCKET	IMSA-9206H-T	1	1	1	1	1	1	1	1	AA	C
N		10132073	JUMPER CABLE ASSY	RJE500783*001	1	1	1	1	1	1	1	1	AA	C
	2. LCD block													
N	**2**	10125395	CASE/LCD-F E466	RJE500658-1	1	1	1	1	1	1	1	1	BP	C
N	**3**	10126579	CASE/LCD-R E466	RJE500320-2	1	1	1	1	1	1	1	1	BD	C
N	**4**	10126580	SHEET/DISPLAY	RJE500390-2	1	1	1	1	1	1	1	1	AX	C
N	**5**	10126581	SLIDE KNOB E466	RJE500322-2	1	1	1	1	1	1	1	1	AB	C
	6	10113436	HOLDER/HINGE E468	RJE500441-1	1	1	1	1	1	1	1	1	AD	C
N	**7**	10125396	LEVER/SWITCH E466	RJE500660-1	1	1	1	1	1	1	1	1	AG	C
N	**8**	10120084	LCD UNIT	MDG12DC38-FC	1	1	1	1	1	1	1	1	CQ	A
	9	10042373	HINGE/HEXA TORQ	KH62B075L	1	1	1	1	1	1	1	1	BT	C
N	**10**	10126582	CABLE/FFC JOINER AE466	E440657-15	1	1	1	1	1	1	1	1	AS	C
N	**11**	10127169	LCD CABLE SUB ASSY	RJE500385*004V04	1	1	1	1	1	1	1	1	AR	C
	12	10114076	PANEL/LCD E468	RJE500444-1	1	1	1	1	1	1	1	1	BT	C
N	**13**	10125665	CHASSIS/LCD E466	RJE500626-1	1	1	1	1	1	1	1	1	AQ	C
N	**14**	10126583	CUSION/LCD V-E466	RJE500659-1	2	2	2	2	2	2	2	2	AB	C
N	**15**	10126584	CUSION/LCD H-E466	RJE500659-2	2	2	2	2	2	2	2	2	AB	C
			SCREW	S-PART-3X8ZC	6	6	6	6	6	6	6	6		X
			SCREW	S-WBPT-3X8ZC	4	4	4	4	4	4	4	4		X
			SCREW	S-PAMA-3X6B	2	2	2	2	2	2	2	2		X
			SCREW	S-PAMA-3X14ZC	4	4	4	4	4	4	4	4		X
			SCREW	S-PASEMA-4X5ZC	1	1	1	1	1	1	1	1		X
			SCREW	S-PASLMA-3X5ZC	2	2	2	2	2	2	2	2		X
	16	10115091	FG CABLE SUB ASSY	RJE500484*1	1	1	1	1	1	1	1	1	AB	X
N	**17**	10130211	SHEET/BLIND	RJE500761-1	1	1	1	1	1	1	1	1	AE	C
	18		PCB/E466-E23		1	1	1	1	1	1	1	1		X
N	CN1	10123502	CONNECTOR	IMSA-9610S-06Y901	1	1	1	1	1	1	1	1	AC	C
N	SW1	10120120	SWITCH/SLIDE	SSSS928200	1	1	1	1	1	1	1	1	AL	C
	VR1	10105428	VOLUME/SLIDE	RS15T11AA000	1	1	1	1	1	1	1	1	AD	C
	3. Back Light block													
N	**19**	10120087	PCB ASSY/E468-E2	RJE500570*1	1	1	1	1	1	1	1	1	BD	A
N	IC1	10120092	IC	LT1617ES5-1#TR	1	1	1	1	1	1	1	1	BD	A
	J1-3		RESISTOR/CHIP	MCR03EZHJ000	3	3	3	3	3	3	3	3		X
	R6,8		RESISTOR/CHIP	MCR03EZHJ274	2	2	2	2	2	2	2	2		X
	R3,7		RESISTOR/CHIP	MCR03EZHJ684	2	2	2	2	2	2	2	2		X
	R15,17		RESISTOR/CHIP	MCR03EZHJ750	2	2	2	2	2	2	2	2		X
	R1		RESISTOR/CHIP	MCR03EZPFX2203	1	1	1	1	1	1	1	1		X
	R2		RESISTOR/CHIP	MCR03EZPFX3902	1	1	1	1	1	1	1	1		X
	C4-8		CAPACITOR/CHIP	GRM21BB11C105KA01L	5	5	5	5	5	5	5	5		X
	C2		CAPACITOR/CHIP	GRM21BB11H224KA01L	1	1	1	1	1	1	1	1		X
	C1,3,9		CAPACITOR/CHIP	GRM31CR61C475KA45L	3	3	3	3	3	3	3	3		X
	D11	23903042	DIODE/CHIP	RB521S-30TE61	1	1	1	1	1	1	1	1	AA	B
N	L1,2	10127162	INDUCTOR/CHIP	LQH32CN470K23L	2	2	2	2	2	2	2	2	AC	B
N	CN1	10127163	CONNECTOR	S13B-ZR-SM3A-TF	1	1	1	1	1	1	1	1	AP	C
N	CN3	10120096	CONNECTOR	IMSA-9632S-16Y900	1	1	1	1	1	1	1	1	AK	C
N	CN4	10123502	CONNECTOR	IMSA-9610S-06Y901	1	1	1	1	1	1	1	1	AC	C
	R9-12,22		RESISTOR/CHIP	MCR03EZHJ101	5	5	5	5	5	5	5	5		X
	C11-15		CAPACITOR/CHIP	GRM1882C1H102JA01D	5	5	5	5	5	5	5	5		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	C10	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	1	1	1	1	1	1	1	1	AA	B
	R5		RESISTOR/CHIP	MCR03EZHJ124	1	1	1	1	1	1	1	1		X
	R4		RESISTOR/CHIP	MCR03EZHJ273	1	1	1	1	1	1	1	1		X
N	D5,6	10120089	LED	NSPG320BS(G-ST)	2	2	2	2	2	2	2	2	BI	B
N	D1,2,9,10	10120090	LED	TLOE53T	4	4	4	4	4	4	4	4	AD	B
N	D4,7,8	10133590	LED	NSPW312BSB1B2RS	3	3	3	3	3	3	3	3	BI	B
	4. Customer Display block													
	20	10104422	CASE/RDP E468	RJE500324-1	1	1	1	1	1	1	1	1	AS	C
	21	10104421	PANEL/RDP E468	RJE500323-1	1	1	1	1	1	1	1	1	AT	B
	22	43081401	PCB/E445A-E2-2	E340800-1	1	1	1	1	1	1	1	1	AF	X
	LED3-7	23201365	LED/7SEG	HDSP-5621#S02	5	5	5	5	5	5	5	5	AP	B
	LED1,2	24088398	LED	GL8EG42	2	2	2	2	2	2	2	2	AA	B
	CN2	35405193	CONNECTOR	HLW10R-2C7	1	1	1	1	1	1	1	1	AB	C
	CN1	35405194	CONNECTOR	HLW12R-2C7	1	1	1	1	1	1	1	1	AB	C
	23	10104445	CABLE/C E468	E440657-12	1	1	1	1	1	1	1	1	AF	C
	24	10114075	CABLE/D E468	E440657-13	1	1	1	1	1	1	1	1	AG	C
		10115537	CUSION/A E468	RJE500539-1	1	1	1	1	1	1	1	1	AA	X
	5. Button block													
	25	10104418	FRAME/KB E568	E140258-3	1	1	1	1	1	1	1	1	AG	C
	26	62467810	KETTOP/S	E311101A-4	41	41	41	41	41	41	41	41	AA	B
	27	62467768	KETTOP/L	E210963A-4	2	2	2	2	2	2	2	2	AD	B
	28	62210371	CAP/S	E311103A-1	29	29	29	29	29	29	29	29	AA	B
	29	62213988	CAP/L	E210964-1	2	2	2	2	2	2	2	2	AB	B
	30	62457250	BUTTON/1	E311792-1	1	1	1	1	1	1	1	1	AB	C
	31	62457260	BUTTON/2	E311792-2	1	1	1	1	1	1	1	1	AB	C
	32	62457270	BUTTON/3	E311792-3	1	1	1	1	1	1	1	1	AB	C
	33	62457280	BUTTON/4	E311792-4	1	1	1	1	1	1	1	1	AB	C
	34	62457290	BUTTON/6	E311792-5	1	1	1	1	1	1	1	1	AB	C
	35	62457300	BUTTON/7	E311792-6	1	1	1	1	1	1	1	1	AB	C
	36	62457310	BUTTON/8	E311792-7	1	1	1	1	1	1	1	1	AB	C
	37	62457320	BUTTON/9	E311792-8	1	1	1	1	1	1	1	1	AB	C
	38	62457330	BUTTON/0	E311792-9	1	1	1	1	1	1	1	1	AB	C
	39	62457340	BUTTON/.	E311792-10	1	1	1	1	1	1	1	1	AB	C
	40	62457350	BUTTON/00	E311792-11	1	1	1	1	1	1	1	1	AB	C
	41	62457360	BUTTON/5	E311116-4	1	1	1	1	1	1	1	1	AB	C
	42	62480990	RUBBER/CONTACT E240	E411877A-1	43	43	43	43	43	43	43	43	AA	B
	43	62473830	SPRING/COIL	E411104A-1	2	2	2	2	2	2	2	2	AA	B
			SCREW	S-WBPT-3X8ZC	20	20	20	20	20	20	20	20		X
	44	62473837	SPRING/COIL	E411104A-2	2	2	2	2	2	2	2	2	AA	B
	45	62481313	SHEET/COMMON E545	E240509-1	1	1	1	1	1	1	1	1	AX	C
	46	62481314	SPACER/E545	E240510-1	1	1	1	1	1	1	1	1	AG	C
	47	62481751	FPC/E545	E240508A-1	1	1	1	1	1	1	1	1	BI	B
	48	62481315	CHASSIS/KB A E545	E340740-1	1	1	1	1	1	1	1	1	AF	C
	49	62481316	CHASSIS/KB B E545	E340741-1	1	1	1	1	1	1	1	1	AH	C
	50	62481749	RUBBER/CONTACT E545	E240505A-1	1	1	1	1	1	1	1	1	BM	B
	%-		PLATE/S	E240526-6	1	1	1	1	1	1	1	1		X
	-		PLATE/S	E240526-7	1	1	1	1	1	1	1	1		X
	5		PLATE/S	E240526-25	1		1		1	1	1	1		X
	6		PLATE/S	E240526-26	1		1		1	1	1	1		X
	7		PLATE/S	E240526-27	1		1		1	1	1	1		X
	8		PLATE/S	E240526-28	1		1		1	1	1	1		X
	1		PLATE/S	E240526-57	1		1		1	1	1	1		X
	2		PLATE/S	E240526-58	1		1		1	1	1	1		X
	3		PLATE/S	E240526-59	1		1		1	1	1	1		X
	4		PLATE/S	E240526-60	1		1		1	1	1	1		X
	RECEIPT FEED		PLATE/S	E240526-61	1	1	1	1	1	1	1	1		X
	JOURNAL FEED		PLATE/S	E240526-62	1	1	1	1	1	1	1	1		X
	RECEIPT		PLATE/S	E240526-63	1	1	1	1	1	1	1	1		X
	#/NS		PLATE/S	E240526-66	1	1	1	1	1	1	1	1		X
	RF		PLATE/S	E240526-67	1	1	1	1	1	1	1	1		X
	ERR.CORP CANSEL		PLATE/S	E240526-68	1	1	1	1	1	1	1	1		X
	C		PLATE/S	E240526-69	1	1	1	1	1	1	1	1		X
	X/DATE TIME		PLATE/S	E240526-70	1	1		1	1	1	1	1		X
	OPEN		PLATE/S	E240526-71	1	1			1	1	1	1		X

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	VAT		PLATE/S	E240526-72	1	1		1	1	1	1	1		X
	RC		PLATE/S	E240526-73	1	1	1	1	1	1	1	1		X
	CR1		PLATE/S	E240526-75	1	1	1	1	1	1	1	1		X
	CR2		PLATE/S	E240526-76	1	1	1	1	1	1	1	1		X
	CH		PLATE/S	E240526-77	1	1	1	1	1	1	1	1		X
	CHK/TEND		PLATE/S	E240526-78	1	1	1	1	1	1	1	1		X
	RECEIPT ON/OFF		PLATE/S	E240526-79			1	1						X
	X/FOR DATE TIME		PLATE/S	E240526-80			1							X
	CLK#		PLATE/S	E240526-81			1	1						X
	T/S2		PLATE/S	E240526-82			1							X
	PD		PLATE/S	E240526-83	1	1	1	1	1	1	1	1		X
	LOAN		PLATE/S	E240526-84	1	1		1	1	1	1	1		X
	PICK UP		PLATE/S	E240526-85	1	1		1	1	1	1	1		X
	T/S1		PLATE/S	E240526-86			1							X
	CE		PLATE/S	E240526-87	1	1	1		1	1	1	1		X
	SUB TOTAL		PLATE/L	E240527-21	1	1	1	1	1	1	1	1		X
	CA/AMT TEND		PLATE/L	E240527-23	1	1	1	1	1	1	1	1		X
	51	62480770	BUTTON/DETECT E580	E440387A-1	2	2	2	2	2	2	2	2	AA	C
	52	62481492	FG CABLE SUB ASSY	E440751*1	1	1	1	1	1	1	1	1	AA	C
	53	10031253	PLATE/MG E579	E441153-1	1	1	1	1	1	1	1	1	AA	C
	54	55001690	MAGNET	B-MMC12	2	2	2	2	2	2	2	2	AN	C
	55		PCB/E566-E42		1	1	1	1	1	1	1	1		C
		10120125	CONNECTOR	IMSA-9615S-04C-PP-A	1	1	1	1	1	1	1	1	AB	C
		10082500	SWITCH/PUSH	ABU811261S	2	2	2	2	2	2	2	2	AE	C
	56	10115546	PLATE/L HOOK	RJE500523-001	1	1	1	1	1	1	1	1	AP	C
	57	10115548	PLATE/R HOOK	RJE500524-001	1	1	1	1	1	1	1	1	AS	C
	58	10125559	FG CABLE SUB ASSY	RJE500484*003	1	1	1	1	1	1	1	1	AB	C
	59	10115544	CABLE/FFC JOINER AE568	E440657-14	1	1	1	1	1	1	1	1	AB	C
	6. Power supply block													
	60	62214802	CORD/POWER	M2511	1			1		1			BC	C
	61	37010242	CORD/POWER	MP5004		1					1		BO	C
	62	37004283	CORD/POWER	M3203					1				AZ	C
	63	10023027	CORD/POWER	PS204-A			1					1	AR	C
N	**64**	94870868	POWER SUPPLY UNIT	PS-466-1D-(H)			1						DE	A
N	**65**	94870869	POWER SUPPLY UNIT	PS-466-2D-(H)	1	1		1					DE	A
N	**66**	94870870	POWER SUPPLY UNIT	PS-466-U-(H)					1	1	1	1	DG	A
		55300526	CONNECTOR	CE2	2	2	2	2	2	2	2	2	AA	X
			SCREW	S-PASEMA-4X5ZC	1	1	1	1	1	1	1	1		X
N		10126578	CABLE/FG	RJE500484*004	1	1	1	1	1	1	1	1	AB	C
			WASHER	W-ET-4ZC	1	1	1	1	1	1	1	1		X
			CLIP	CS-4U	2	2	2	2	2	2	2	2		X
			SCREW	S-PART-3X10ZC	2	2	2	2	2	2	2	2		X
	7. Upper case block													
N	**67**	10126614	CASE/UPPER E566	RJE500442-005	1	1	1	1	1	1	1	1	AV	C
	68	10104622	BUSH/RDP E468	RJE500339-001	1	1	1	1	1	1	1	1	AC	C
			SCREW	S-WBPT-3X20ZC	2	2	2	2	2	2	2	2		X
			SCREW	S-WBPT-3X8ZC	17	17	17	17	17	17	17	17		X
N	**69**	10125666	CHASSIS/CLERK SW	RJE500627-001	1	1	1	1	1	1	1	1	BM	X
N	**70**	10126572	CASE/DISPLAY	RJE500406-002	1	1	1	1	1	1	1	1	BI	C
	71	10111059	KEY CABLE SUB ASSY	RJE500388*001	1	1	1	1	1	1	1	1	BN	C
	72	10111063	KEY CABLE SUB ASSY	RJE500388*002	1	1	1	1	1	1	1	1	BF	C
			SCREW	S-PASLMA-3X5ZC	2	2	2	2	2	2	2	2		X
			SCREW	S-PASEMA-4X5ZC	3	3	3	3	3	3	3	3		X
			SCREW	S-PAMA-3X6B	2	2	2	2	2	2	2	2		X
N	**73**	10125393	BOARD/FK E566	RJE500625-002	1	1	1	1	1	1	1	1	CE	C
		10115092	FG CABLE SUB ASSY	RJE500484*002	1	1	1	1	1	1	1	1	AC	X
	74	10115541	SHEET/BLIND	RJE500514-001	1	1	1	1	1	1	1	1	AG	C
N	**75**	10126573	SWITCH/MODE KEY	S608-066	1	1	1	1	1	1	1	1	AT	B
N	**76**	10126548	KEY SET/MODE KEY	S608-066KEY-SET	1			1	1	1	1	1	BC	B
N	**77**	10126549	KEY SET/MODE KEY	S608-067KEY-SET		1	1						AU	B
			SCREW	S-PART-3X8ZC	2	2	2	2	2	2	2	2		C
N	**78**	10126574	CABLE/FFC JOINER	E440657-016	1	1	1	1	1	1	1	1	AK	C
N	**79**	10126587	COVER/PRINTER E466	RJE500325-002	1	1	1	1	1	1	1	1	BI	C
N	**80**	10104420	COVER/JOURNAL	RJE500326-001	1	1	1	1	1	1	1	1	AE	C

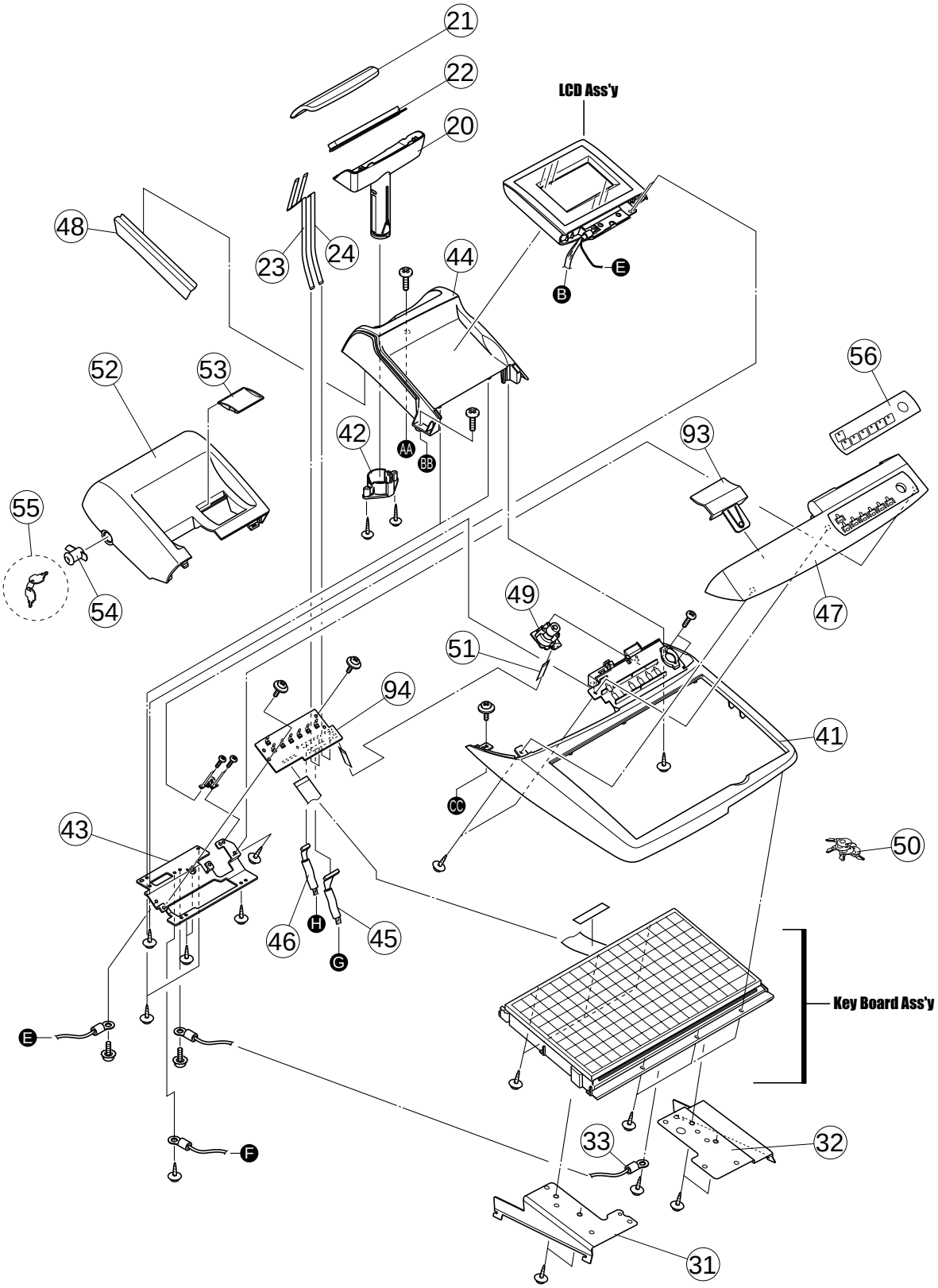
N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	Rank
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries				
										Plug Type				
										Europe	UK	USA		
	81	1011 5524	CYLINDER LOCK ASSY	E341056*2	1	1	1	1	1	1	1	1	AI	C
	82	6246 5000	KEY SET/PRINTER COVER	E412062*1	1	1	1	1	1	1	1	1	AG	C
N	83	1012 5391	PLATE/MK	RJE500624-001	1	1			1	1	1	1		C
N	83	1012 6550	PLATE/MK	RJE500698-001			1	1						C
			SCREW	S-BDMA-4X10B	2	2	2	2	2	2	2	2		X
	8. Lower case block													
	84	1010 4438	CASE/LOWER E468	RJE500338-001	1	1	1	1	1	1	1	1	BV	C
	85	1010 4345	COVER/CONNECTOR	RJE500328-001	1	1	1	1	1	1	1	1	AK	C
N	86	1012 6551	MAIN CHASSIS E466	RJE500304-003	1	1	1	1	1	1	1	1		X
	87	1010 4436	SUB CHASSIS E468	RJE500305-001			1						BD	X
N	87	1013 0191	SUB CHASSIS E466	RJE500305-002	1	1		1	1	1	1	1		X
	88	6221 3892	ROLLER/E233	E411377-1	2	2	2	2	2	2	2	2	AA	B
	89	1005 4340	INLINE CABLE SUB ASSY	E440720*3			1						AE	C
	90	1008 5156	DRAWER CABLE SUB ASSY	E440737*1	1	1	1	1	1	1	1	1	AK	C
N	91	1012 5506	COVER/CF E468	RJE500311-001V002	1	1	1	1	1	1	1	1		C
	92	1010 4444	CABLE/FFC JOINER BE468	E440657-011	1	1	1	1	1	1	1	1	AG	C
			SCREW	S-WBPT-3X8 ZC	11	11	11	11	11	11	11	11		X
N	93	1012 6552	CHASSIS/POWER SUPPLY	RJE500404-002	1	1	1	1	1	1	1	1		C
	94	1010 4440	ARC CABLE SUB ASSY	RJE500386*001			1						AF	C
	95	1010 4439	COVER/POWER SWITCH	RJE500340-001	1	1	1	1	1	1	1	1	AB	C
	96	6247 2318	CABLE/FG	E310997-26	1	1	1	1	1	1	1	1	AE	X
	97	1011 4111	CHASSIS/GROUND	RJE500453-001	1	1	1	1	1	1	1	1	AD	X
	98	1011 4113	CHASSIS/CONNECTOR	RJE500479-001	1	1	1	1	1	1	1	1	AC	X
			TIE/INSULOCK	T-18S	1	1	1	1	1	1	1	1		X
			SCREW	S-PASLMA-3X5ZC	10	10	15	10	10	10	10	10		X
			SCREW	S-PASLMA-4X5ZC	6	6	6	6	6	6	6	6		X
			SCREW	S-PASEMA-4X5ZC	3	3	3	3	3	3	3	3		X
			SCREW	S-WBPT-4X10ZC	4	4	4	4	4	4	4	4		X
			CLIP	CS-4U	2	2	2	2	2	2	2	2		X
			SCREW	S-PAMA-4X35ZC	2	2	2	2	2	2	2	2		X
			SCREW	S-BDMA-6X10NI	1	1	1	1	1	1	1	1		X
	99	3000 7581	FASTEN TAB	23031-2	1	1	1	1	1	1	1	1	AA	X
N		1002 1924	BUSH	NO.2103	1	1	1	1	1	1	1	1		X
N	100	1012 5667	PLATE/CORD	RJE500710-001	1	1	1	1	1	1	1	1		C
N	101	1012 9094	SHEET/BLIND	RJE500760-001	1	1	1	1	1	1	1	1		C
	102	1002 2019	BATTERY ASSY	E441073*1	1	1	1	1	1	1	1	1	BP	A
			SCREW	S-BDMA-3X5NI	4	4	4	4	4	4	4	4		X
	103	1011 4090	COVER/SWITCH	RJE500492-1	1	1	1	1	1	1	1	1	AC	C
	9. Printer block													
	104	9487 0779	FRAME UNIT/JOURNAL	1232726	1	1	1	1	1	1	1	1	CX	C
	105	9487 0781	BELT/PAPER TAKE-UP	1231986	1	1	1	1	1	1	1	1	AD	B
	106	9487 0780	SHAFT/PAPER ROLLING	1232732	1	1	1	1	1	1	1	1	AQ	B
	107	9487 0773	FRAME UNIT/RECEIPT	1232684	1	1	1	1	1	1	1	1	CY	C
		* 107 There are 2 versions of the receipt printer. Please refer to the service bulletin ECR-542 for the details.												
	108	9487 0774	SCREW	1018232	1	1	1	1	1	1	1	1	AA	X
	109	9487 0775	CUTTER UNIT	1236376	1	1	1	1	1	1	1	1	BS	A
	110	9487 0776	SCREW	1073844	2	2	2	2	2	2	2	2	AB	X
	111	9487 0777	CUTTER/FIXED	1231681	1	1	1	1	1	1	1	1	BK	A
	112	9487 0778	SPRING	1231999	1	1	1	1	1	1	1	1	AA	B
	113	1011 4233	CHASSIS/PR L	RJE500466-001	1	1	1	1	1	1	1	1	AR	C
	114	1011 4234	CHASSIS/PR R	RJE500470-001	1	1	1	1	1	1	1	1	AR	C
	115	1011 4235	CHASSIS/PR C	RJE500474-001	1	1	1	1	1	1	1	1	AR	C
	116	1011 4236	CHASSIS/PR MOUNT	RJE500446-001	2	2	2	2	2	2	2	2	AC	C
	117	1011 4237	SHAFT/E468	RJE500450-001	2	2	2	2	2	2	2	2	AC	C
			SCREW	S-PASLMA-3X5ZC	4	4	4	4	4	4	4	4		X
			SCREW	S-PAMA-3X5ZC	6	6	6	6	6	6	6	6		X
	118	1011 4238	E-RING	R-ER-3TCBL	4	4	4	4	4	4	4	4	AA	C
	119	1011 3437	COVER/PR PROTECT	RJE500467-001	1	1	1	1	1	1	1	1	AF	C
N	120	1012 6612	COVER/CUTTER	RJE500329-002	1	1	1	1	1	1	1	1		C
	10. Clerk switch circuit													
N	121	1012 0098	PCB ASSY/E466-E6	RJE500572*001	1	1			1	1	1	1		A
N	121	1012 0101	PCB ASSY/E466-E6	RJE500572*002			1	1						A
	IC1-3	1000 5662	IC/CMOS	SN74LV374APWR	3	3	3	3	3	3	3	3	AF	A
	IC4-5	2112 0823	IC	BA12003BF-E2	3	3	3	3	3	3	3	3	AF	A
	R5,8,11		RESISTOR/CHIP	MCR03EZHJ000	3	3	3	3	3	3	3	3		X

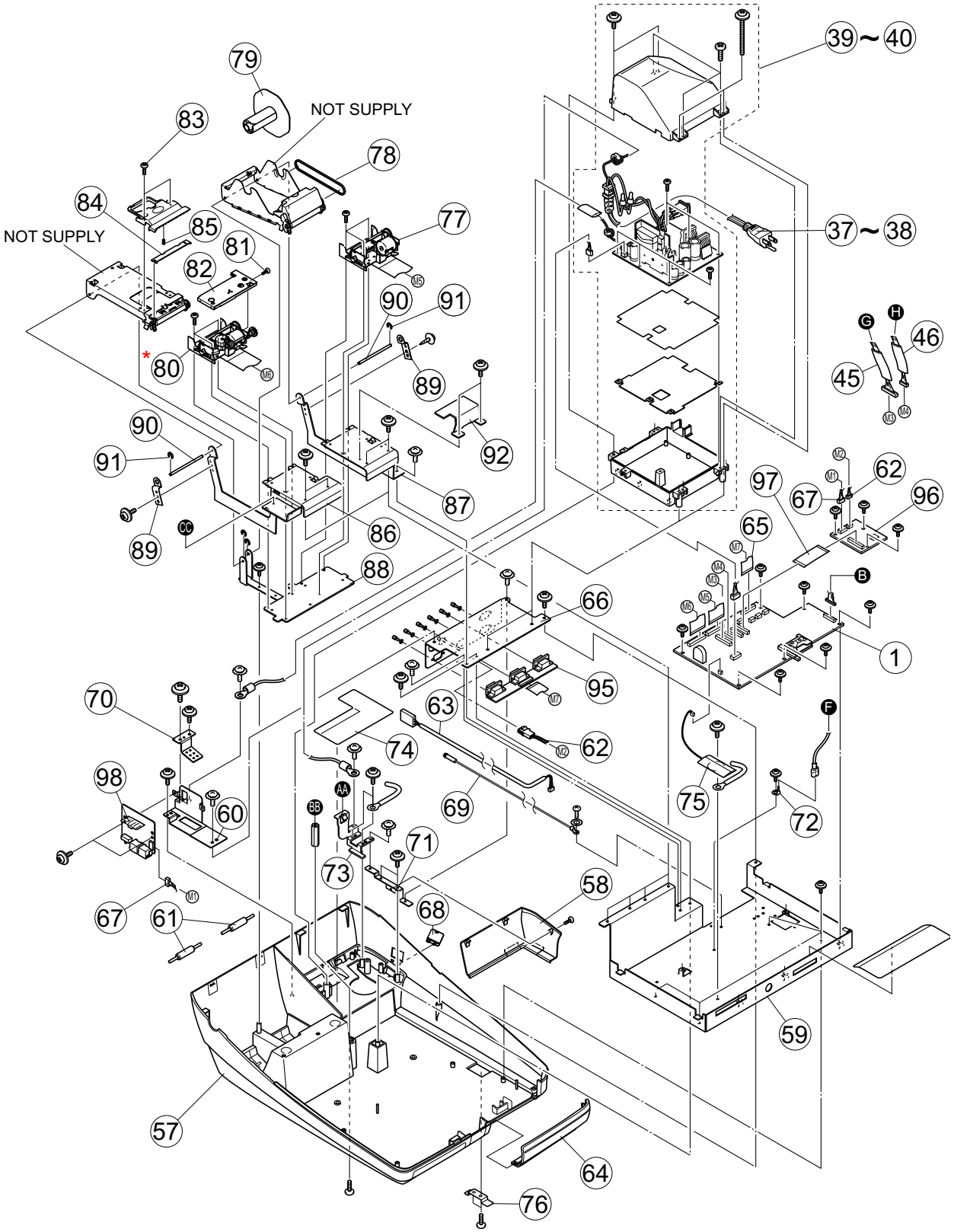
N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type				
										Europe	UK	USA		
	R14-32		RESISTOR/CHIP	MCR03EZHJ101	19	19	19	19	19	19	19	19		X
	R1,3,6,9,12		RESISTOR/CHIP	MCR03EZHJ103	5	5	5	5	5	5	5	5		X
	R2,4,7,10,13		RESISTOR/CHIP	MCR03EZHJ471	5	5	5	5	5	5	5	5		X
	RM1-5	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103	5	5	5	5	5	5	5	5	AA	C
	C2,4,6		CAPACITOR/CHIP	GRM1882C1H101JA01D	3	3	3	3	3	3	3	3		X
	C1,3,5		CAPACITOR/CHIP	GRM188B11E104KA01D	3	3	3	3	3	3	3	3		X
	C7	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	1	1	1	1	1	1	1	1	AA	B
	D1-15	10009218	DIODE/CHIP	1SS400TE61	15	15	15	15	15	15	15	15	AA	B
	Q1-5	22501603	TRANSISTOR/CHIP	2SB1182TLQR	5	5	5	5	5	5	5	5	AC	B
N	CN6	35022678	CONNECTOR	IMSA-9610S-04Y901	1	1	1	1	1	1	1	1	AD	C
N	CN5	10133459	CONNECTOR	IMSA-9610S-09Y914	1	1	1	1	1	1	1	1	AC	C
N	CN1	10133460	CONNECTOR	IMSA-9610S-10Y914	1	1	1	1	1	1	1	1	AD	C
N	CN2	10133461	CONNECTOR	IMSA-9610S-12Y914	1	1	1	1	1	1	1	1	AE	C
N	CN4	10133464	CONNECTOR	IMSA-9610S-27Y914	1	1	1	1	1	1	1	1	AK	C
	CN3	35017728	CONNECTOR	B14B-PHDSS	1	1	1	1	1	1	1	1	AB	C
	CN7	35802364	CONNECTOR	B30B-PHDSS	1	1	1	1	1	1	1	1	AE	C
	SW1-7	34121029	SWITCH/TACT	SKHHAL	7	7			7	7	7	7	AA	B
	D16-22	24088399	LED	GL3EG8	7	7			7	7	7	7	AA	B
N		10129717	SPACER/LED	LH-3-8	7	7			7	7	7	7	AA	C
	11. Connector board													
N	**122**	10104432	PCB ASSY/E468-CNB1	RJE500414*001V01	1	1	1	1	1	1	1	1	BF	B
		10105423	PCB/E468-CNB1	RJE500415-001	1	1	1	1	1	1	1	1	AD	C
	CN1	10105422	CONNECTOR	HLW25R-2C7	1	1	1	1	1	1	1	1	AE	C
	CN2-4	30007917	CONNECTOR	ID9P33E4GX28	3	3	3	3	3	3	3	3	AK	C
	12.Other													
		10104433	COVER/DALLAS E468	RJE500428-001	1	1	1	1	1	1	1	1	AD	C
N		10130347	SPACER/CIRCUIT BOARD	SPD-12U	2	2	2	2	2	2	2	2	AC	C
N		10130348	INSULATOR/PB	RJE500774-001	1	1	1	1	1	1	1	1	AG	C
	13. ARCNET In-line board (Standard:USA/Canada , Option:Other countries)													
N	**123**	10120106	PCB ASSY/E466-ARC	RJE500574*001			1						DE	A
			PCB/E466-ARC	RJE500581-001			1							X
	IC2	10006024	LSI	COM20019ILJP			1						CF	A
	IC3	10074005	IC/CMOS	SN751178NSR			1						BG	A
N	IC4	10120109	IC/CMOS	SN74AHC1G32DCKR			1						AU	A
	IC1	10050431	IC/CMOS	SN74LV373APWR			1						AI	A
	R7-10		RESISTOR/CHIP	MCR03EZHJ100			4							X
	R1,13		RESISTOR/CHIP	MCR03EZHJ101			2							X
	R11,12		RESISTOR/CHIP	MCR03EZHJ102			2							X
	R4		RESISTOR/CHIP	MCR03EZHJ105			1							X
	R5,6		RESISTOR/CHIP	MCR03EZHJ203			2							X
	R2		RESISTOR/CHIP	MCR03EZHJ563			1							X
	RM5,6	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103			2						AA	C
	C5		CAPACITOR/CHIP	GRM1882C1H101JA01D			1							X
	C1-3,6		CAPACITOR/CHIP	GRM188B11E104KA01D			4							X
	C4	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R			1						AA	B
	D1-4	30007959	DIODE/CHIP	1SS376TE-17			4						AA	B
	D5	23153115	DIODE/ZENER	PTZTE-255.1B			1						AB	B
N	X1	10128718	CERALOCK/CHIP	CSTCE20M0V53-R0			1						AI	B
	FU1,2	30008079	FUSE/CHIP	430.500			2						AD	A
	CN3	77401603	CONNECTOR	B2B-PH-SM3-TB			1						AC	C
	CN2	35018645	CONNECTOR	B5B-PH-SM3-TB			1						AC	C
N	CN1	10133465	CONNECTOR	IMSA-9610S-28Y914			1						AK	C
	RM1-4	27753297	RESISTOR/CHIP NETWORK	MNR14E0ABJ101			4						AA	C
	R3		RESISTOR/CHIP	MCR03EZHJ471			1							X
	SW1	10073681	SWITCH/SLIDE	SSSU141500			1						AJ	B
N	**124**	10126564	CABLE/FFC JOINER	E440657-017			1						AK	C
	14. CAT5 board (Standard:USA/Canada , Option:Other countries)													
N	**125**	10104431	PCB ASSY/E468-ARC	RJE500411*001V01			1						DE	A
		10105420	PCB/E468-ARC	RJE500412-001			1						AF	C
	IC1	10105419	IC	HYC2000			1						BV	A
	R5	10074510	RESISTOR/CHIP	RD25SM10-6101J			1						AA	X
	R3,4	10082973	RESISTOR/CHIP	RD25SM10-6154J			1						AA	X
	C1	10073686	CAPACITOR	ECQ-V1H104JZW			1						AD	X
	C2	10073688	CAPACITOR/ELECTROLYTIC	RE3-16V470M			1						AA	C

N	Item	Code No.	Parts Name	Specification	Q'ty								Price Code	R
					Europe	UK	USA/ Canada	Germany	Australia	Other Countries Plug Type Europe	Other Countries Plug Type UK	Other Countries Plug Type USA		
	C3,4	10074512	CAPACITOR	DEA1X3A180JC1B			2						AA	X
	CN2,3	35020073	CONNECTOR	TM5RJ3-88			2						AT	C
	SW1	10105421	SLIDE SWITCH	SSSU111400			1						AI	C
	CN1	35016307	CONNECTOR	S5B-PH-K-S			1						AA	C

N	Item	Code No.	Parts Name	Specification	Q'ty	Price Code	Rank
15. Extended RAM board (Option)							
			PCB/E466-RAM	RJE500582-001	1		X
N	IC2,3	10129718	LSI	M5M5408BFP-70H	2	BV	A
	IC1	10003984	IC/CMOS	SN74LV00APWR	1	AB	A
N	RM1-8	10047444	RESISTOR/CHIP NETWORK	MNR14E0ABJ470	8	AB	C
	C1-3		CAPACITOR/CHIP	GRM188B11E104KA01D	3		X
N	C4	10128719	CAPACITOR/ELECTROLYTIC	RE3-16V101M	1	AA	B
		10005796	CONNECTOR	IMSA-9841B-40Y930	1	AI	C

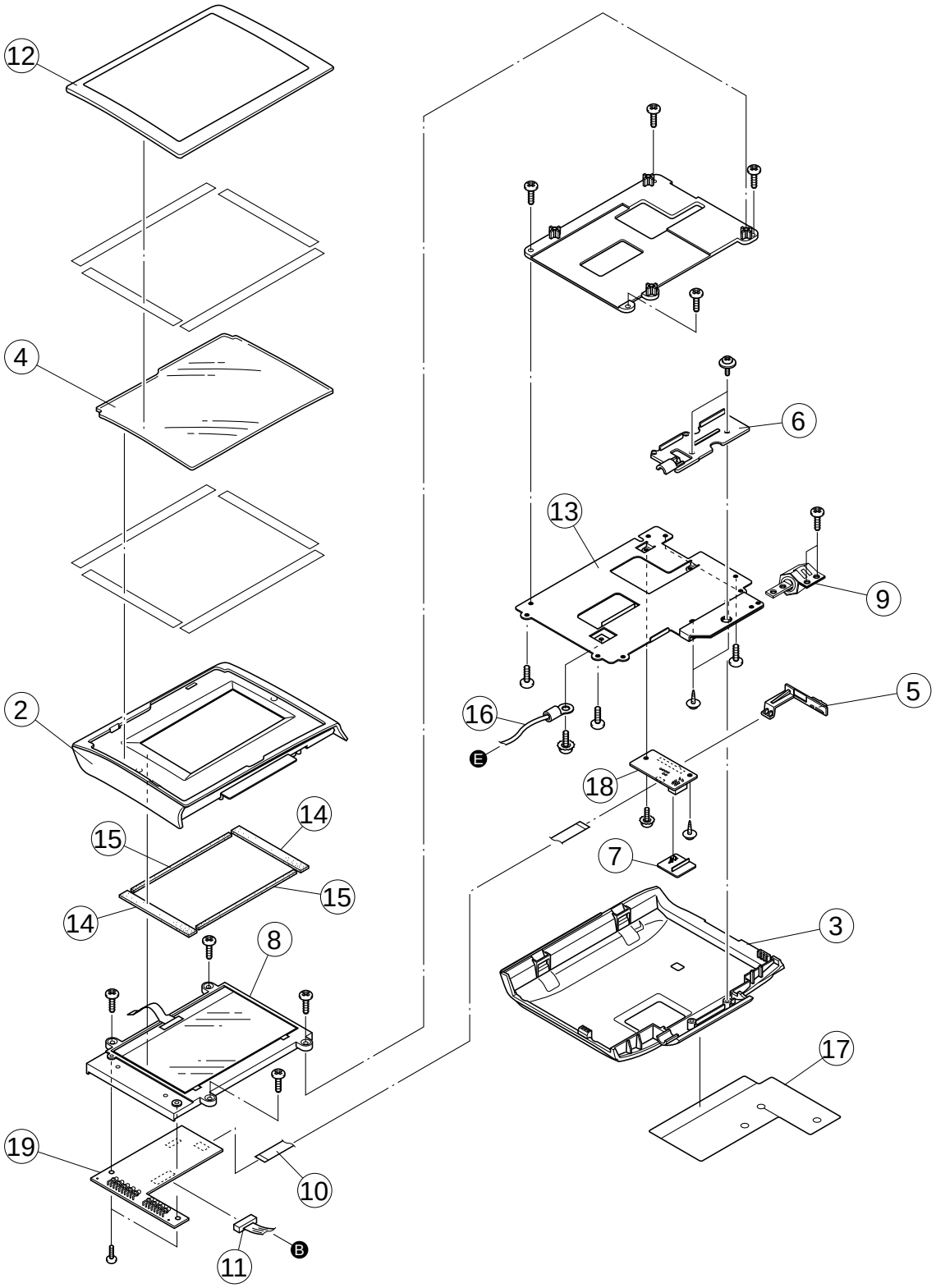
TE-4500F UPPER CASE ASSY



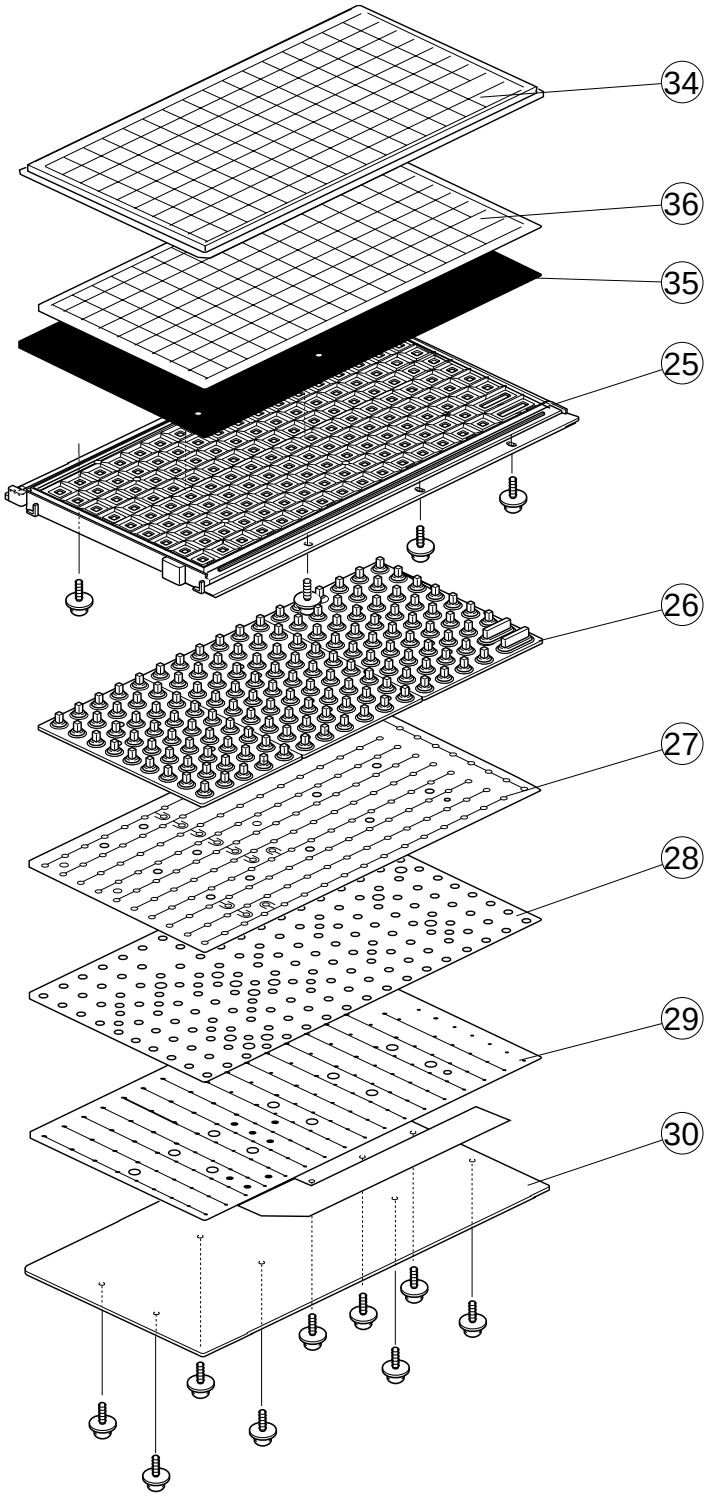


* 80 There are 2 versions of the receipt printer. Please refer to the service bulletin ECR-542 for the details.

TE-4500F LCD ASSY



TE-4500F KEYBOARD ASSY



N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
	1. MAIN PCB BLOCK							
N	**1**	10120115	PCB ASSY/E466-1	RJE500568*001	1	1	EC	A
N	IC12	10120082	LSI	UPD784215AGC8038EU	1	1	BN	A
	IC16	10111217	LSI	UPD784215AGC8028EU	1	1	BN	A
N	IC24	10120083	LSI	MBM29F160BE90TN	1	1	BH	A
	IC26	20061702	IC	M66300FP-201	1	1	BF	A
	IC10,11	21120788	IC	L6219DS	2	2	BC	A
N	IC19	10022117	IC/CMOS	SN74AHC1G04DCKR	1	1	AA	A
	IC32	10105416	IC/CMOS	SN74AHCT08PWR	1	1	AC	A
N	IC34	10120128	IC/CMOS	SN74AHCT244PWR	1	1	AC	A
N	IC14	10120129	IC/CMOS	SN74LV04APWR	1	1	AC	A
	IC17,22	10005659	IC/CMOS	SN74LV08APWR	2	2	AB	A
N	IC15	10120130	IC/CMOS	SN74LV11APWR	1	1	AC	A
	IC5	21056580	IC/CMOS	SN74LV14APWR	1	1	AC	A
	IC9,13	10004413	IC/CMOS	SN74LV32APWR	2	2	AB	A
	IC8	10005669	IC/CMOS	SN74LV139APWR	1	1	AD	A
	IC2	10007175	IC/CMOS	SN74LV157APWR	1	1	AE	A
	IC7	10005721	IC/CMOS	SN74LV244APWR	1	1	AF	A
	IC33	10050431	IC/CMOS	SN74LV373APWR	1	1	AI	A
N	IC27	10120131	IC/CMOS	SN74LVC08APWR	1	1	AC	A
	IC35,36	10105407	IC/CMOS	SN74LVC244APWR	2	2	AA	A
N	IC25	10097860	IC/MOS	XC6201P332MR	1	1	AB	A
N	IC42	10127165	IC/RESET	S-80123BNMC-JGI-T2	1	1	AI	A
	IC3,4	21120820	IC	HIN211CA-T	2	2	AT	A
	IC1	21120819	IC	HIN202CBN-T	1	1	AP	A
	IC6,31	21120821	OPAMP	BA10393F-E2	2	2	AB	A
	R3-5,9-14,88,100, R121,140,150-152, R154,264-282		RESISTOR/CHIP	MCR03EZHJ000	37	37		X
	R86,109-111,158, R228,238,345,346		RESISTOR/CHIP	MCR03EZHJ101	9	9		X
	R23,39,51,54,71, R76,77,155,160, R287,341		RESISTOR/CHIP	MCR03EZHJ102	11	11		X
	R17,18,40-43, R56-60,63,64,67, R69,70,73-75,81, R83-85,87,95,105, R108,112,115-119, R122,130,144-149, R163-172,175-178, R186-189,193-195, R213-227,229-232, R234-237,241-243, R253,254,262,263, R283-286,288-296, R344		RESISTOR/CHIP	MCR03EZHJ103	106	106		X
	R68,173		RESISTOR/CHIP	MCR03EZHJ104	2	2		X
	R24,31-33,185,199, R203,207		RESISTOR/CHIP	MCR03EZHJ123	8	8		X
	R182,196,200,204		RESISTOR/CHIP	MCR03EZHJ202	4	4		X

N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
	R52,55,79,82		RESISTOR/CHIP	MCR03EZHJ203	4	4		X
	R44		RESISTOR/CHIP	MCR03EZHJ222	1	1		X
	R15,16,20-22,26, R27,34-38,141		RESISTOR/CHIP	MCR03EZHJ332	13	13		X
	R90		RESISTOR/CHIP	MCR03EZHJ334	1	1		X
	R28-30,48,49,61, R62,65,66,174, R179-181,190-192, R208,209,211,212, R245-252		RESISTOR/CHIP	MCR03EZHJ470	28	28		X
	R46,153,156,157, R161,183,197,201, R205,340		RESISTOR/CHIP	MCR03EZHJ472	10	10		X
	R72,104,159,184, R198,202,206,233, R255-261,312,313, R327-339		RESISTOR/CHIP	MCR03EZHJ563	30	30		X
	R1,7		RESISTOR/CHIP	MCR10EZHJ271	2	2		X
	R50,53,78,80		RESISTOR/CHIP	MCR100JZHJ3R6	4	4		X
	R6,47,103		RESISTOR/CHIP	MCR03EZPFX1002	3	3		X
	R2,45		RESISTOR/CHIP	MCR03EZPFX1003	2	2		X
	R143		RESISTOR/CHIP	MCR03EZPFX1802	1	1		X
	R142		RESISTOR/CHIP	MCR03EZPFX4702	1	1		X
	R107		RESISTOR/CHIP	MCR03EZPFX5602	1	1		X
N	RM1-5	10050896	RESISTOR/CHIP NETWORK	MNR14E0ABJ000	5	5	AA	C
	RM6,7,19-22	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103	6	6	AA	C
N	RM15-18	27753301	RESISTOR/CHIP NETWORK	MNR14E0ABJ104	4	4	AA	C
N	RM8-14,24,26,27, RM29	10047444	RESISTOR/CHIP NETWORK	MNR14E0ABJ470	11	11	AB	C
	C35,90,94-96, C100-105,111, C113-122		CAPACITOR/CHIP	GRM1882C1H101JA01D	22	22		X
	C1,3-7,9,11,12,14, C16-20,22-24,28, C30-32,39-41,46, C52,53,55,56,58, C60-63,65,66,70, C71,73,74,77,78, C93,97,99, C106-110,112,123		CAPACITOR/CHIP	GRM188B11E104KA01D	53	53		X
	C67		CAPACITOR/CHIP	GRM188B10J105KA01D	1	1		X
	C27,29,42,43		CAPACITOR/CHIP	GRM1882C1H271JA01D	4	4		X
	C25,26,44,45		CAPACITOR/CHIP	GRM188B11H472KA01D	4	4		X
	C2,15,98		CAPACITOR/CHIP	GRM21BB11H104KA01L	3	3		X
	C79		CAPACITOR/CHIP	GRM21BB11C105KA01L	1	1		X
	CM1-4	28456609	CAPACITOR/CHIP MODULE	CAF13CG101K50AT	4	4	AA	C
	C76	10074012	CAPACITOR/ELECTROLYTIC	RV-16V471MH10-R	1	1	AC	C
	C36,37	28077818	CAPACITOR/ELECTROLYTIC	RV-35V101MG10-R	2	2	AB	C
	C8,10	28077869	CAPACITOR/ELECTROLYTIC	RV2-16V100MB55-R	2	2	AA	C
	C13,34,47,48,64,81	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	6	6	AA	C
	C21	28077106	CAPACITOR/ELECTROLYTIC	RV2-35V100M-R	1	1	AA	C

N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
N	C38	28077127	CAPACITOR/ELECTROLYTIC	RV2-50V010M-R	1	1	AA	C
	C33,72,91	28073626	CAPACITOR/ELECTROLYTIC	RV3-10V221MF80-R	3	3	AB	C
	D9,11-13	23902058	DIODE/CHIP	1SR154-400TE25	4	4	AB	B
	D10,14-16	10009218	DIODE/CHIP	1SS400TE61	4	4	AA	B
	D17	23153125	DIODE/CHIP ZENER	RD22UJN1-T1	1	1	AA	B
	D1-8	28953130	DIODE/CHIP	RB051L-40TE25	8	8	AC	B
	D18-20	23903042	DIODE/CHIP	RB521S-30TE61	3	3	AA	B
N	Q10,13,15	10120138	TRANSISTOR	2SA2018-TL	3	3	AC	B
	Q7	22501601	TRANSISTOR	2SC4617TLQ	1	1	AA	B
	Q1,3-5	10076311	TRANSISTOR	2SD1626-TD	4	4	AC	B
	Q2	10091501	TRANSISTOR	FSS134-TL	1	1	AQ	B
	Q9,12,14	25902697	TRANSISTOR/DIGITAL	DTC114EETL	3	3	AA	B
	Q6,8,11	22592674	TRANSISTOR/DIGITAL	DTC114YETL	3	3	AA	B
	X1,3	10111105	CERALOCK/CHIP	CSTCE16M0V53-R0	2	2	AC	B
	CN17	35019394	CONNECTOR	B2B-ZR-SM3-TF	1	1	AB	C
	CN4,6-8	35021809	CONNECTOR	B3B-PH-SM3-TB	4	4	AC	C
N	CN15	10127166	CONNECTOR	B13B-ZR-SM3-TF	1	1	AK	C
N	CN12	10133462	CONNECTOR	IMSA-9610S-24Y914	1	1	AI	C
N	CN1	10133463	CONNECTOR	IMSA-9610S-25Y914	1	1	AK	C
N	CN9	10133465	CONNECTOR	IMSA-9610S-28Y914	1	1	AK	C
	CN14	10005684	CONNECTOR	IMSA-9830S-40Y930	1	1	AI	C
	SW2	10004466	SLIDE SWITCH	SSSS823-B-3B	1	1	AF	C
	CN16	10105403	CONNECTOR	62451-022L	1	1	BL	C
	R342,343		RESISTOR/CHIP	MCR03EZHJ271	2	2		X
	R19		RESISTOR/CHIP	MCR03EZPFX1500	1	1		X
	R25		RESISTOR/CHIP	MCR03EZPFX3300	1	1		X
	D21	23901820	DIODE/CHIP	1SS355TE-17	1	1	AA	B
	C54		CAPACITOR/CHIP	GRM1882C1H120JA01D	1	1		X
	C57		CAPACITOR/CHIP	GRM1882C1H180JA01D	1	1		X
N	IC23	10129718	LSI	M5M5408BFP-70H	1	1	BV	A
	X2	10094206	X' TAL/CHIP	C-002RX-8.3/10	1	1	AF	B
N	R8	10118743	RESISTOR/METAL OXIDE	ERX1SJ5R6P	1	1	AC	C
	C59	10073679	CAPACITOR/ELECTROLYTIC	RE3-50V102M-T4	1	1	AD	C
	FU1	30007777	FUSE	230.600	1	1	AE	A
	CN5	35005846	CONNECTOR	53253-0210	1	1	AA	C
	CN11	35017728	CONNECTOR	B14B-PHDSS	1	1	AB	C
	CN10	35802364	CONNECTOR	B30B-PHDSS	1	1	AE	C
N	CN13	10072591	CONNECTOR	B5P-VH	1	1	AC	C
N	CN2,3	10120117	CONNECTOR	IMSA-9604S-25C	2	2	AD	C
N	SW1	10120118	CONNECTOR	IMSA-9202B-1-02P-T	1	1	AC	C
	SP1	32402089	BUZZER	PKM22EPT-2001	1	1	AE	C
N	SW3	10120119	SWITCH/PUSH	SKHHLSA010	1	1	AC	C
		10105400	SOCKET	IMSA-9206H-T	1	1	AA	C
N		10132073	JUMPER CABLE ASSY	RJE500783*001	1	1	AA	C
	2. LCD block							
N	**2**	10125395	CASE/LCD-F E466	RJE500658-1	1	1	BP	C
N	**3**	10126579	CASE/LCD-R E466	RJE500320-2	1	1	BD	C
N	**4**	10126580	SHEET/DISPLAY	RJE500390-2	1	1	AX	C
N	**5**	10126581	SLIDE KNOB E466	RJE500322-2	1	1	AB	C
	6	10113436	HOLDER/HINGE E468	RJE500441-1	1	1	AD	C
N	**7**	10125396	LEVER/SWITCH E466	RJE500660-1	1	1	AG	C

N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
N	**8**	10120084	LCD UNIT	MDG12DC38-FC	1	1	CQ	A
	9	10042373	HINGE/HEXA TORQ	KH62B075L	1	1	BT	C
N	**10**	10126582	CABLE/FFC JOINER AE466	E440657-15	1	1	AS	C
N	**11**	10127169	LCD CABLE SUB ASSY	RJE500385*004V04	1	1	AR	C
	12	10114076	PANEL/LCD E468	RJE500444-1	1	1	BT	C
N	**13**	10125665	CHASSIS/LCD E466	RJE500626-1	1	1	AQ	C
N	**14**	10126583	CUSION/LCD V-E466	RJE500659-1	2	2	AB	C
N	**15**	10126584	CUSION/LCD H-E466	RJE500659-2	2	2	AB	C
			SCREW	S-PART-3X8ZC	6	6		X
			SCREW	S-WBPT-3X8ZC	4	4		X
			SCREW	S-PAMA-3X6B	2	2		X
			SCREW	S-PAMA-3X14ZC	4	4		X
			SCREW	S-PASEMA-4X5ZC	1	1		X
			SCREW	S-PASLMA-3X5ZC	2	2		X
	16	10115091	FG CABLE SUB ASSY	RJE500484*1	1	1	AB	X
N	**17**	10130211	SHEET/BLIND	RJE500761-1	1	1	AE	C
	18		PCB/E466-E23		1	1		X
N	CN1	10123502	CONNECTOR	IMSA-9610S-06Y901	1	1	AC	C
N	SW1	10120120	SWITCH/SLIDE	SSSS928200	1	1	AL	C
	VR1	10105428	VOLUME/SLIDE	RS15T11AA000	1	1	AD	C
	3. Back Light block							
N	**19**	10120087	PCB ASSY/E468-E2	RJE500570*1	1	1	BD	A
N	IC1	10120092	IC	LT1617ES5-1#TR	1	1	BD	A
	J1-3		RESISTOR/CHIP	MCR03EZHJ000	3	3		X
	R6,8		RESISTOR/CHIP	MCR03EZHJ274	2	2		X
	R3,7		RESISTOR/CHIP	MCR03EZHJ684	2	2		X
	R15,17		RESISTOR/CHIP	MCR03EZHJ750	2	2		X
	R1		RESISTOR/CHIP	MCR03EZPFX2203	1	1		X
	R2		RESISTOR/CHIP	MCR03EZPFX3902	1	1		X
	C4-8		CAPACITOR/CHIP	GRM21BB11C105KA01L	5	5		X
	C2		CAPACITOR/CHIP	GRM21BB11H224KA01L	1	1		X
	C1,3,9		CAPACITOR/CHIP	GRM31CR61C475KA45L	3	3		X
	D11	23903042	DIODE/CHIP	RB521S-30TE61	1	1	AA	B
N	L1,2	10127162	INDUCTOR/CHIP	LQH32CN470K23L	2	2	AC	B
N	CN1	10127163	CONNECTOR	S13B-ZR-SM3A-TF	1	1	AP	C
N	CN3	10120096	CONNECTOR	IMSA-9632S-16Y900	1	1	AK	C
N	CN4	10123502	CONNECTOR	IMSA-9610S-06Y901	1	1	AC	C
	R9-12,22		RESISTOR/CHIP	MCR03EZHJ101	5	5		X
	C11-15		CAPACITOR/CHIP	GRM1882C1H102JA01D	5	5		X
	C10	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	1	1	AA	B
	R5		RESISTOR/CHIP	MCR03EZHJ124	1	1		X
	R4		RESISTOR/CHIP	MCR03EZHJ273	1	1		X
N	D5,6	10120089	LED	NSPG320BS(G-ST)	2	2	BI	B
N	D1,2,9,10	10120090	LED	TLOE53T	4	4	AD	B
N	D4,7,8	10133590	LED	NSPW312BSB1B2RS	3	3	BI	B
	4. Customer Display block							
	20	10104422	CASE/RDP E468	RJE500324-1	1	1	AS	C
	21	10104421	PANEL/RDP E468	RJE500323-1	1	1	AT	B
	22	43081401	PCB/E445A-E2-2	E340800-1	1	1	AF	X
	LED3-7	23201365	LED/7SEG	HDSP-5621#S02	5	5	AP	B
	LED1,2	24088398	LED	GL8EG42	2	2	AA	B

N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
	CN2	35405193	CONNECTOR	HLW10R-2C7	1	1	AB	C
	CN1	35405194	CONNECTOR	HLW12R-2C7	1	1	AB	C
	23	10104445	CABLE/C E468	E440657-12	1	1	AF	C
	24	10114075	CABLE/D E468	E440657-13	1	1	AG	C
		10115537	CUSION/A E468	RJE500539-1	1	1	AA	X
	5. Button block							
	25	62481722	FRAME/KB E577	E140283-1	1	1	BB	C
	26	10007163	RUBBER/CONTACT	E240587-1	1	1	BI	B
	27	62481723	SHEET/COMMON	E340810-1	1	1	AX	B
	28	62481724	SPACER/E577	E340811-1	1	1	AH	C
	29	62481752	FPC/E577	E240553-1	1	1	BJ	B
	30	62481726	CHASSIS/KB E577	E340812-1	1	1	AT	C
			SCREW	3X8 ZMC-3	15	15		X
N	**31**	10121183	PLATE/L HOOK	RJE500525-001	1	1	AP	C
N	**32**	10121146	PLATE/R HOOK	RJE500526-001	1	1	AS	C
N	**33**	10125559	FG CABLE SUB ASSY	RJE500484*003	1	1	AB	X
	34	62475097	COVER/SHEET	E240303-1	1	1	BP	C
	35	62214932	SHEET/NO SLIP	E311590-1	1	1	AW	C
N	**36**	10126623	SHEET/MENU E567D	E341031-8	1		AB	C
N	**36**	10126624	SHEET/MENU E567C	E341031-9		1	AB	C
	6. Power supply block							
	37	37010242	CORD/POWER	MP5004	1		BO	C
	38	10023027	CORD/POWER	PS204-A		1	AR	C
N	**39**	94870868	POWER SUPPLY UNIT	PS-466-1D-(H)		1	DE	A
N	**40**	94870869	POWER SUPPLY UNIT	PS-466-2D-(H)	1		DE	A
		55300526	CONNECTOR	CE2	2	2	AA	X
			SCREW	S-PASEMA-4X5ZC	1	1		X
N		10126578	CABLE/FG	RJE500484*004	1	1	AB	C
			WASHER	W-ET-4ZC	1	1		X
			CLIP	CS-4U	2	2		X
			SCREW	S-PART-3X10ZC	2	2		X
	7. Upper case block							
N	**41**	10126625	CASE/UPPER E567	RJE500442-006	1	1	BR	C
	42	10104622	BUSH/RDP E468	RJE500339-001	1	1	AC	C
			SCREW	S-WBPT-3X20ZC	2	2		X
			SCREW	S-WBPT-3X8ZC	17	17		X
N	**43**	10125666	CHASSIS/CLERK SW	RJE500627-001	1	1	BM	X
N	**44**	10126572	CASE/DISPLAY	RJE500406-002	1	1	BI	C
	45	10111059	KEY CABLE SUB ASSY	RJE500388*001	1	1	BN	C
	46	10111063	KEY CABLE SUB ASSY	RJE500388*002	1	1	BF	C
			SCREW	S-PASLMA-3X5ZC	2	2		X
			SCREW	S-PASEMA-4X5ZC	3	3		X
			SCREW	S-PAMA-3X6B	2	2		X
N	**47**	10125394	BOARD/FK	RJE500625-003	1	1	CE	C
		10115092	FG CABLE SUB ASSY	RJE500484*002	1	1	AC	X
	48	10115541	SHEET/BLIND	RJE500514-001	1	1	AG	C
N	**49**	10126573	SWITCH/MODE KEY	S608-066	1	1	AT	B
N	**50**	10126549	KEY SET/MODE KEY	S608-067KEY-SET	1	1	AU	B
			SCREW	S-PART-3X8ZC	2	2		C
N	**51**	10126574	CABLE/FFC JOINER	E440657-016	1	1	AK	C
N	**52**	10126587	COVER/PRINTER E466	RJE500325-002	1	1	BI	C

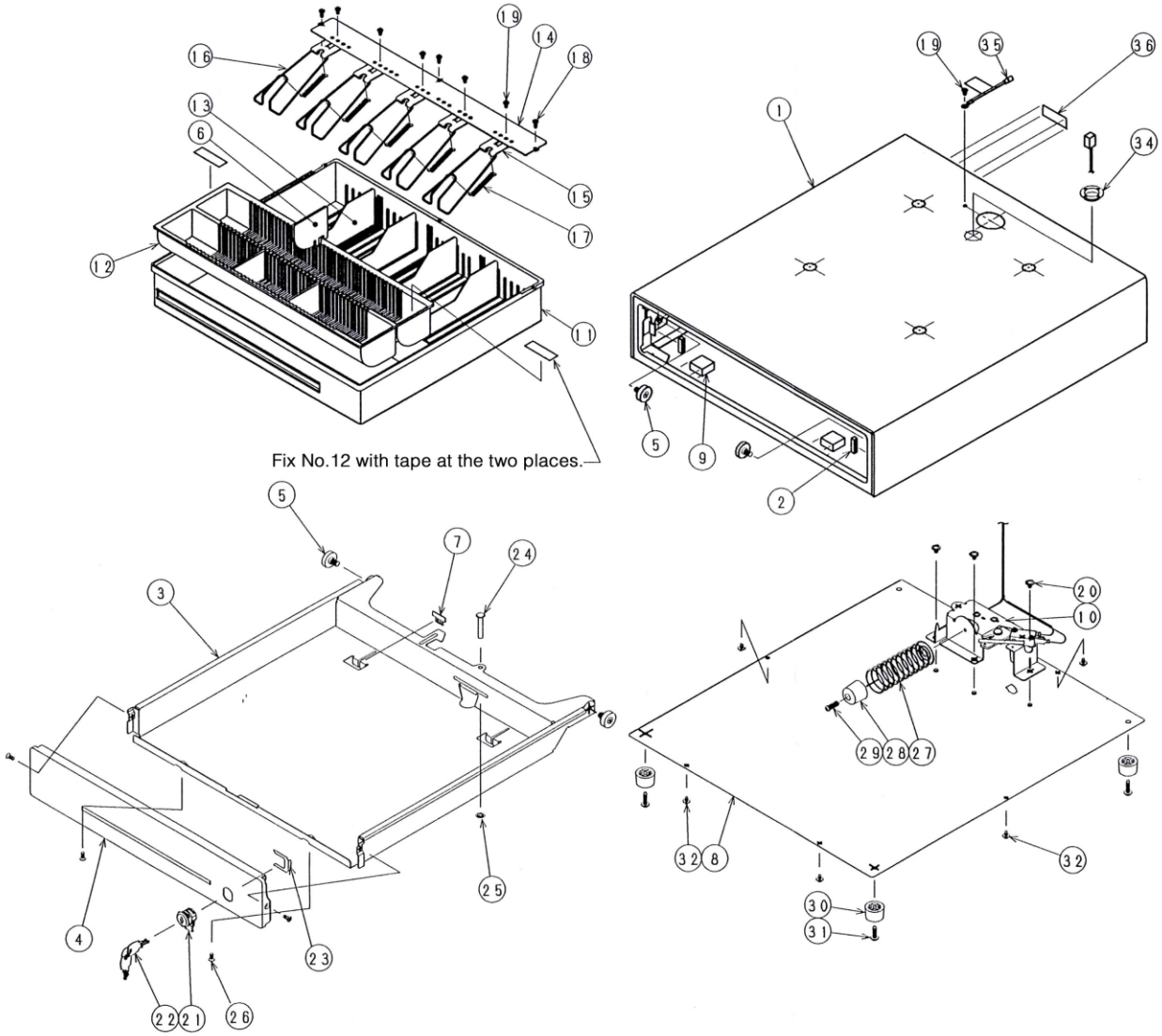
N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
N	**53**	1010 4420	COVER/JOURNAL	RJE500326-001	1	1		C
	54	1011 5524	CYLINDER LOCK ASSY	E341056*2	1	1	AI	C
	55	6246 5000	KEY SET/PRINTER COVER	E412062*1	1	1	AG	C
N	**56**	1012 6550	PLATE/MK	RJE500698-001	1	1		C
			SCREW	S-BDMA-4X10B	2	2		X
8. Lower case block								
	57	1010 4438	CASE/LOWER E468	RJE500338-001	1	1	BV	C
	58	1010 4345	COVER/CONNECTOR	RJE500328-001	1	1	AK	C
N	**59**	1012 6551	MAIN CHASSIS E466	RJE500304-003	1	1		X
	60	1010 4436	SUB CHASSIS E468	RJE500305-001		1	BD	X
N	**60**	1013 0191	SUB CHASSIS E466	RJE500305-002	1			X
	61	6221 3892	ROLLER/E233	E411377-1	2	2	AA	B
	62	1005 4340	INLINE CABLE SUB ASSY	E440720*3		1	AE	C
	63	1008 5156	DRAWER CABLE SUB ASSY	E440737*1	1	1	AK	C
N	**64**	1012 5506	COVER/CF E468	RJE500311-001V002	1	1		C
	65	1010 4444	CABLE/FFC JOINER BE468	E440657-011	1	1	AG	C
			SCREW	S-WBPT-3X8 ZC	11	11		X
N	**66**	1012 6552	CHASSIS/POWER SUPPLY	RJE500404-002	1	1		C
	67	1010 4440	ARC CABLE SUB ASSY	RJE500386*001		1	AF	C
	68	1010 4439	COVER/POWER SWITCH	RJE500340-001	1	1	AB	C
	69	6247 2318	CABLE/FG	E310997-26	1	1	AE	X
	70	1011 4111	CHASSIS/GROUND	RJE500453-001	1	1	AD	X
	71	1011 4113	CHASSIS/CONNECTOR	RJE500479-001	1	1	AC	X
			TIE/INSULOCK	T-18S	1	1		X
			SCREW	S-PASLMA-3X5ZC	10	15		X
			SCREW	S-PASLMA-4X5ZC	6	6		X
			SCREW	S-PASEMA-4X5ZC	3	3		X
			SCREW	S-WBPT-4X10ZC	4	4		X
			CLIP	CS-4U	2	2		X
			SCREW	S-PAMA-4X35ZC	2	2		X
			SCREW	S-BDMA-6X10NI	1	1		X
	72	3000 7581	FASTEN TAB	23031-2	1	1	AA	X
N		1002 1924	BUSH	NO.2103	1	1		X
N	**73**	1012 5667	PLATE/CORD	RJE500710-001	1	1		C
N	**74**	1012 9094	SHEET/BLIND	RJE500760-001	1	1		C
	75	1002 2019	BATTERY ASSY	E441073*1	1	1	BP	A
			SCREW	S-BDMA-3X5NI	4	4		X
	76	1011 4090	COVER/SWITCH	RJE500492-1	1	1	AC	C
9. Printer block								
	77	9487 0779	FRAME UNIT/JOURNAL	1232726	1	1	CX	C
	78	9487 0781	BELT/PAPER TAKE-UP	1231986	1	1	AD	B
	79	9487 0780	SHAFT/PAPER ROLLING	1232732	1	1	AQ	B
	80	9487 0773	FRAME UNIT/RECEIPT	1232684	1	1	CY	C
		* 80 There are 2 versions of the receipt printer. Please refer to the service bulletin ECR-542 for the details.						
	81	9487 0774	SCREW	1018232	1	1	AA	X
	82	9487 0775	CUTTER UNIT	1236376	1	1	BS	A
	83	9487 0776	SCREW	1073844	2	2	AB	X
	84	9487 0777	CUTTER/FIXED	1231681	1	1	BK	A
	85	9487 0778	SPRING	1231999	1	1	AA	B
	86	1011 4233	CHASSIS/PR L	RJE500466-001	1	1	AR	C
	87	1011 4234	CHASSIS/PR R	RJE500470-001	1	1	AR	C
	88	1011 4235	CHASSIS/PR C	RJE500474-001	1	1	AR	C

N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
	89	10114236	CHASSIS/PR MOUNT	RJE500446-001	2	2	AC	C
	90	10114237	SHAFT/E468	RJE500450-001	2	2	AC	C
			SCREW	S-PASLMA-3X5ZC	4	4		X
			SCREW	S-PAMA-3X5ZC	6	6		X
	91	10114238	E-RING	R-ER-3TCBL	4	4	AA	C
	92	10113437	COVER/PR PROTECT	RJE500467-001	1	1	AF	C
N	**93**	10126612	COVER/CUTTER	RJE500329-002	1	1	AR	C
	10. Clerk switch circuit							
N	**94**	10120101	PCB ASSY/E466-E6	RJE500572*002	1	1	CM	A
	IC1-3	10005662	IC/CMOS	SN74LV374APWR	3	3	AF	A
	IC4-5	21120823	IC	BA12003BF-E2	3	3	AF	A
	R5,8,11		RESISTOR/CHIP	MCR03EZHJ000	3	3		X
	R14-32		RESISTOR/CHIP	MCR03EZHJ101	19	19		X
	R1,3,6,9,12		RESISTOR/CHIP	MCR03EZHJ103	5	5		X
	R2,4,7,10,13		RESISTOR/CHIP	MCR03EZHJ471	5	5		X
	RM1-5	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103	5	5	AA	C
	C2,4,6		CAPACITOR/CHIP	GRM1882C1H101JA01D	3	3		X
	C1,3,5		CAPACITOR/CHIP	GRM188B11E104KA01D	3	3		X
	C7	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R	1	1	AA	B
	D1-15	10009218	DIODE/CHIP	1SS400TE61	15	15	AA	B
	Q1-5	22501603	TRANSISTOR/CHIP	2SB1182TLQR	5	5	AC	B
N	CN6	35022678	CONNECTOR	IMSA-9610S-04Y901	1	1	AD	C
N	CN5	10133459	CONNECTOR	IMSA-9610S-09Y914	1	1	AC	C
N	CN1	10133460	CONNECTOR	IMSA-9610S-10Y914	1	1	AD	C
N	CN2	10133461	CONNECTOR	IMSA-9610S-12Y914	1	1	AE	C
N	CN4	10133464	CONNECTOR	IMSA-9610S-27Y914	1	1	AK	C
	CN3	35017728	CONNECTOR	B14B-PHDSS	1	1	AB	C
	CN7	35802364	CONNECTOR	B30B-PHDSS	1	1	AE	C
	11. Connector board							
N	**95**	10104432	PCB ASSY/E468-CNB1	RJE500414*001V01	1	1	BF	B
		10105423	PCB/E468-CNB1	RJE500415-001	1	1	AD	C
	CN1	10105422	CONNECTOR	HLW25R-2C7	1	1	AE	C
	CN2-4	30007917	CONNECTOR	ID9P33E4GX28	3	3	AK	C
	12.Other							
		10104433	COVER/DALLAS E468	RJE500428-001	1	1	AD	C
N		10130347	SPACER/CIRCUIT BOARD	SPD-12U	2	2	AC	C
N		10130348	INSULATOR/PB	RJE500774-001	1	1	AG	C
	13. ARCNET In-line board (Standard:USA/Canada , Option:UK)							
N	**96**	10120106	PCB ASSY/E466-ARC	RJE500574*001		1	DE	A
			PCB/E466-ARC	RJE500581-001		1		X
	IC2	10006024	LSI	COM20019ILJP		1	CF	A
	IC3	10074005	IC/CMOS	SN751178NSR		1	BG	A
N	IC4	10120109	IC/CMOS	SN74AHC1G32DCKR		1	AU	A
	IC1	10050431	IC/CMOS	SN74LV373APWR		1	AI	A
	R7-10		RESISTOR/CHIP	MCR03EZHJ100		4		X
	R1,13		RESISTOR/CHIP	MCR03EZHJ101		2		X
	R11,12		RESISTOR/CHIP	MCR03EZHJ102		2		X
	R4		RESISTOR/CHIP	MCR03EZHJ105		1		X
	R5,6		RESISTOR/CHIP	MCR03EZHJ203		2		X
	R2		RESISTOR/CHIP	MCR03EZHJ563		1		X
	RM5,6	27753288	RESISTOR/CHIP NETWORK	MNR14E0ABJ103		2	AA	C

N	Item	Code No.	Parts Name	Specification	Q'ty		Price Code	Rank
					UK	USA/ Canada		
	C5		CAPACITOR/CHIP	GRM1882C1H101JA01D		1		X
	C1-3,6		CAPACITOR/CHIP	GRM188B11E104KA01D		4		X
	C4	28073647	CAPACITOR/ELECTROLYTIC	RV2-16V101MS-R		1	AA	B
	D1-4	30007959	DIODE/CHIP	1SS376TE-17		4	AA	B
	D5	23153115	DIODE/ZENER	PTZTE-255.1B		1	AB	B
N	X1	10128718	CERALOCK/CHIP	CSTCE20M0V53-R0		1	AI	B
	FU1,2	30008079	FUSE/CHIP	430.500		2	AD	A
	CN3	77401603	CONNECTOR	B2B-PH-SM3-TB		1	AC	C
	CN2	35018645	CONNECTOR	B5B-PH-SM3-TB		1	AC	C
N	CN1	10133465	CONNECTOR	IMSA-9610S-28Y914		1	AK	C
	RM1-4	27753297	RESISTOR/CHIP NETWORK	MNR14E0ABJ101		4	AA	C
	R3		RESISTOR/CHIP	MCR03EZHJ471		1		X
	SW1	10073681	SWITCH/SLIDE	SSSU141500		1	AJ	B
N	**97**	10126564	CABLE/FFC JOINER	E440657-017		1	AK	C
	14. CAT5 board (Standard:USA/Canada , Option:UK)							
	98	10104431	PCB ASSY/E468-ARC	RJE500411*001V01		1	DE	A
		10105420	PCB/E468-ARC	RJE500412-001		1	AF	C
	IC1	10105419	IC	HYC2000		1	BV	A
	R5	10074510	RESISTOR/CHIP	RD25SM10-6101J		1	AA	X
	R3,4	10082973	RESISTOR/CHIP	RD25SM10-6154J		1	AA	X
	C1	10073686	CAPACITOR	ECQ-V1H104JZW		1	AD	X
	C2	10073688	CAPACITOR/ELECTROLYTIC	RE3-16V470M		1	AA	C
	C3,4	10074512	CAPACITOR	DEA1X3A180JC1B		2	AA	X
	CN2,3	35020073	CONNECTOR	TM5RJ3-88		2	AT	C
	SW1	10105421	SLIDE SWITCH	SSSU111400		1	AI	C
	CN1	35016307	CONNECTOR	S5B-PH-K-S		1	AA	C

N	Item	Code No.	Parts Name	Specification	Q'ty	Price Code	Rank
	15. Extended RAM board (Option)						
			PCB/E466-RAM	RJE500582-001	1		X
N	IC2,3	10129718	LSI	M5M5408BFP-70H	2	BR	A
	IC1	10003984	IC/CMOS	SN74LV00APWR	1	AB	A
N	RM1-8	10047444	RESISTOR/CHIP NETWORK	MNR14E0ABJ470	8	AA	C
	C1-3		CAPACITOR/CHIP	GRM188B11E104KA01D	3		X
N	C4	10128719	CAPACITOR/ELECTROLYTIC	RE3-16V101M	1	AA	B
		10005796	CONNECTOR	IMSA-9841B-40Y930	1	AI	C

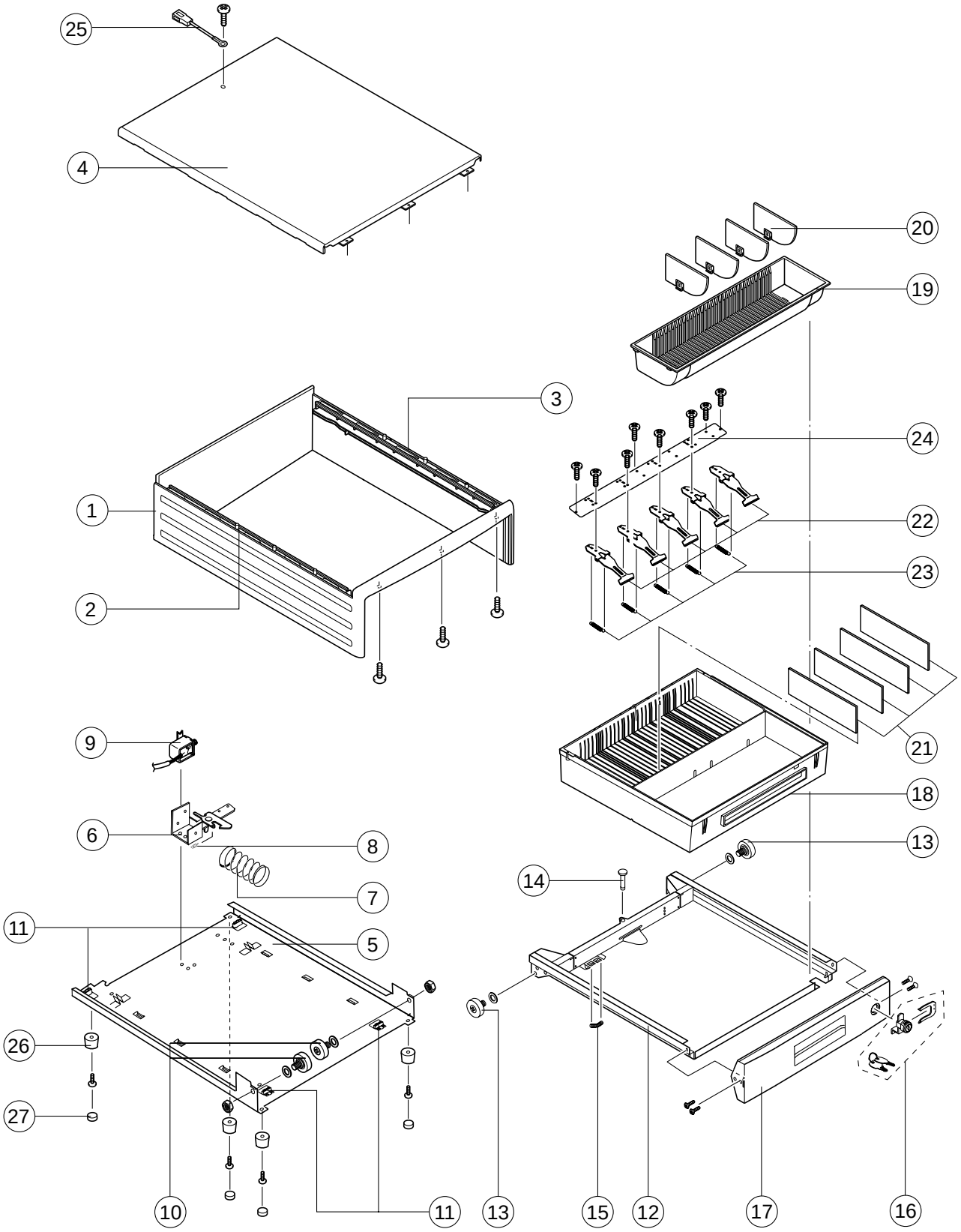
15. DRAWER (DL-2424)



DL-2424 (M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price	Rank
	1		CASE/MAIN	ZD65310	1	NOT SUPPLY	X
N	2	1906 8961	STOPPER	ZD48117	2	AC	C
N	3	9487 0790	DRAWER SUB ASSY	ZD65320	1	BQ	X
N	4	9487 0791	FRONT PANEL	ZD65321	1	BH	X
	5	1902 6842	ROLLER/DERLIN	DR-19B	4	AH	B
N	6	9487 0792	PLATE/COIN PARTITION	ZD63953	3	AD	C
N	7	9487 0793	EARTH/BRUSH	ZD48124	1	AG	X
N	8	1906 8964	PLATE/BOTTOM	ZD48130	1	841	X
N	9	9487 0794	RUBBER/STOPPER	ZD48132	2	AD	X
	10	1906 4040	LOCK ASSY(WITH SWITCH)	ZD48160	1	BY	B
N		9487 0802	SOLENOID ASSY	ZD48161-A	1	CI	B
N		9487 0803	LOCK SUB ASSY	ZD48145	1	BE	C
N		9487 0804	SPRING/LOCK	ZD48142	1	AD	C
		3000 7231	MICRO SWITCH	V-103-1A5	1	BE	B
N	11	9487 0795	CASE/BILL	ZD63951	1	BR	X
N	12	9487 0796	CASE/COIN	ZD63952	1	BM	X
	13	1907 6265	PLATE/BILL PARTITION	ZV35442	4	AN	C
	14	1907 6264	BRACKET/BILL HOLDER	ZD08545-1	1	AK	X
	15	1907 0141	STOPPER/BILL HOLDER	ZV27040-1	5	AB	C
	16	1902 7084	HOLDER/BILL	ZD02041	5	AF	C
N	17	9487 0797	SPRING/BILL HOLDER	ZD52853	5	AD	C
	18	1902 6987	SCREW	M3X8	3	AA	X
	19	1902 7093	SCREW	M3X6	6	AA	X
	20	1902 7098	SCREW	M4X6	3	AA	X
	21	6221 4900	LOCK/CYLINDER	ZD20025	1	BD	C
	22	5500 0976	KEY/CYLINDER LOCK	ZD20025-1	1	AJ	C
	23	1908 1325	CLIP	ZD20025-2	1	AC	C
	24	1906 4150	RIVET	5X30	1	AA	X
	25	5580 1452	RING/CS	CSTW-5	1	AA	X
	26	1906 0684	SCREW	M3.5X8	4	AA	X
N	27	1906 8968	SPRING	ZD08746	1	AG	C
	28	1907 6277	RUBBER/DAMPER	K2320	1	AC	X
	29	1907 0234	SCREW	M4X16	1	AA	X
	30	1907 0118	FOOT/RUBBER	ZD01013-A	4	AB	X
	31	1907 0234	SCREW	M4X16	4	AA	X
	32	1906 0691	SCREW	M3X5	6	AA	X
	33	1902 7112	GROMET	B-1	1	AB	X
	34	1908 3378	WIRE/FG	ZD31660	1	AL	X
N	35	9487 0798	LABEL	DL-2424	1	AB	X

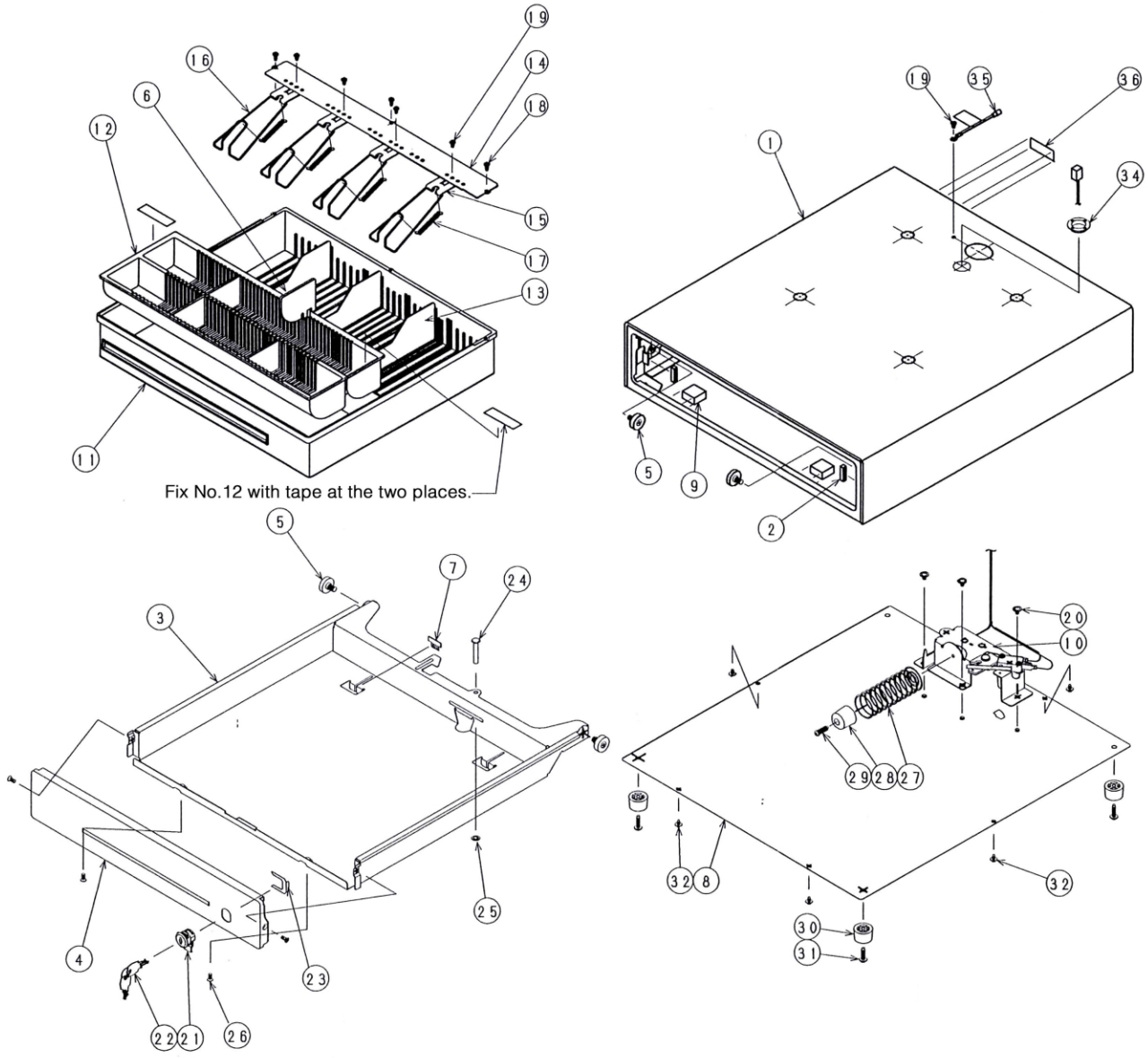
16. DRAWER (DL-2425)



DL-2425(M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price code	Rank
	1		CASE/MAIN	RJE500529-001	1	NOT SUPPLY	X
N		10120508	PLATE/BOTTOM	RJE500534-001	1	AE	X
N	2	10120509	CHASSIS/LEFT	RJE500532-001	1	AD	X
N	3	10120510	CHASSIS/RIGHT	RJE500533-001	1	AD	X
N	4	10120511	COVER/TOP	E240850-4	1	BZ	C
N	5	10120523	CHASSIS/BOTTOM	RJE500531-001	1	BH	X
N	6	10120528	LOCK SUB ASSY	RJE500538*001	1	AX	C
	7	62465010	SPRING/PRESS	E412069-1	1	AA	X
N		10120529	PLATE/SPRING ED20	RJE500536-001	1	AA	X
	8	10080393	SPRING/LOCK	RJE500007-001	1	AA	C
			SCREW	4X8 ZMC-3	3		X
N	9	10087972	SOLENOID SUB ASSY	RJE500128*003	1	BB	B
N		10080964	SWITCH/MICRO	VX-013-1A3	1	AZ	B
			SCREW	3X14 ZMC-3	2		X
			TIE/INSULICK	T-18S	1		X
	10	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
			NUT/HEX	6 ZMC-3	2		X
			WASHER	6X13X1.0 ZMC-3	2		X
	11	10080450	RUBBER/DUMPER	RJE500005-001	4	AB	X
			SCREW	4X5 ZMC-3	3		X
	12	10078903	DRAWER SUB ASSY	E341274*1	1	BJ	X
	13	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
	14	52000106	RIVET	5X30	1	AA	X
	15	62465030	SPRING/EARTH	E412092-1	1	AA	X
	16	10079060	LOCK/CYLINDER	CL-16	1	BA	C
N	17	10121046	PANEL/FRONT	RJE500530-001	1	BX	X
			SCREW	3X10 NI	2		X
		54400399	WASHER	6X13X1.0 ZMC-3	2	AA	X
	18	10078757	CASE/BILL	E140505-1	1	AT	C
N	19	10106267	CASE/COIN	RJE500284-1	1	AH	C
N	20	10110335	PLATE/COIN CASE PARTITION	RJE500285-1	4	AA	B
	21	10106268	PLATE/BILL CASE PARTITION	RJE500219-001	4	AA	B
	22	10079062	BILL HOLDER SUB ASSY	E341290*1	5	AE	B
	23	10079063	SPRING/BILL HOLDER	E441357-1	5	AA	C
	24	10079064	BRACKET/BILL HOLDER	E240845-1	1	AD	X
			SCREW	3X8 ZMC-3	3		X
			SCREW	3X5 NI	5		X
			SCREW	3X6 ZMC-3	15		X
N	25	10086054	FG CABLE SUB ASSY	RJE500104*001	1	AC	X
			SCREW	3X6 ZMC-3	3		X
			WASHER	4	1		X
			LABEL/DL-2425	E341256-33	1		X
N	26	10125287	CASE/RUBBER	RJE500667-001	4	AA	C
	26	62466529	RUBBER/PAD	E412136-1	4	AD	C
			SCREW	4X8 ZMC-3	4		X
N		10131033	PLATE/FIX	RJE500775-001	2	AB	X

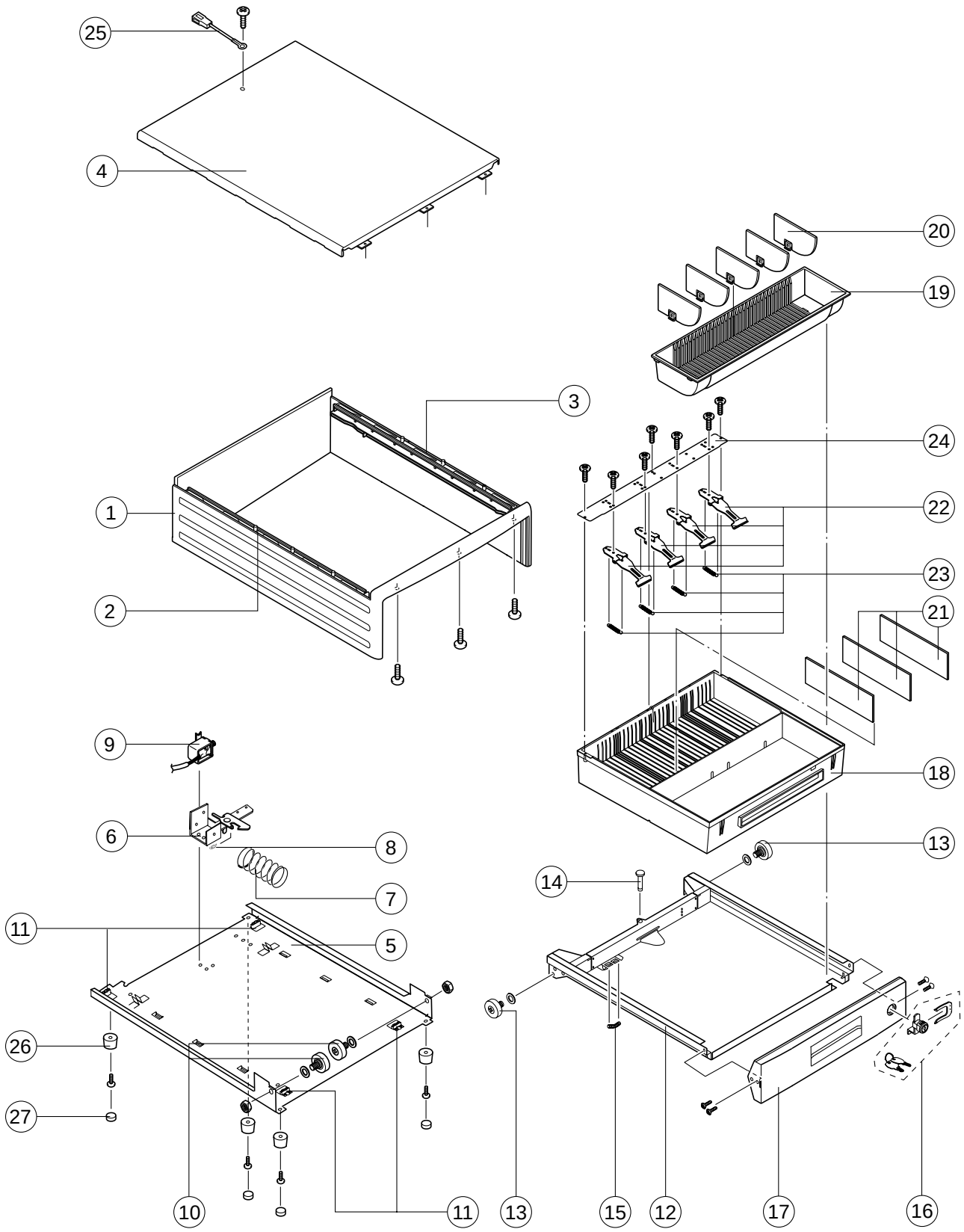
17. DRAWER (DL-2524)



DL-2524 (M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price	Rank
	1		CASE/MAIN	ZD65310	1	NOT SUPPLY	X
N	2	1906 8961	STOPPER	ZD48117	2	AC	C
N	3	9487 0790	DRAWER SUB ASSY	ZD65320	1	BQ	X
N	4	9487 0791	FRONT PANEL	ZD65321	1	BI	X
	5	1902 6842	ROLLER/DERLIN	DR-19B	4	AH	B
N	6	9487 0792	PLATE/COIN PARTITION	ZD63953	4	AC	C
N	7	9487 0793	EARTH/BRUSH	ZD48124	1	AF	X
	8	1906 8964	PLATE/BOTTOM	ZD48130	1	BT	X
N	9	9487 0794	RUBBER/STOPPER	ZD48132	2	AD	X
	10	1906 4040	LOCK ASSY(WITH SWITCH)	ZD48160	1	BY	B
N		9487 0802	SOLENOID ASSY	ZD48161-A	1	CI	B
N		9487 0803	LOCK SUB ASSY	ZD48145	1	BE	C
N		9487 0804	SPRING/LOCK	ZD48142	1	AC	C
		3000 7231	MICRO SWITCH	V-103-1A5	1	BE	B
N	11	9487 0795	CASE/BILL	ZD63951	1	BR	X
N	12	9487 0796	CASE/COIN	ZD63952	1	BM	X
	13	1907 6265	PLATE/BILL PARTITION	ZV35442	3	AN	C
	14	1907 6264	BRACKET/BILL HOLDER	ZD08545-1	1	AK	X
	15	1907 0141	STOPPER/BILL HOLDER	ZV27040-1	4	AB	C
	16	1902 7084	HOLDER/BILL	ZD02041	4	AF	C
N	17	9487 0797	SPRING/BILL HOLDER	ZD52853	4	AC	C
	18	1902 6987	SCREW	M3X8	3	AA	X
	19	1902 7093	SCREW	M3X6	5	AA	X
	20	1902 7098	SCREW	M4X6	3	AA	X
	21	6221 4900	LOCK/CYLINDER	ZD20025	1	BD	C
	22	5500 0976	KEY/CYLINDER LOCK	ZD20025-1	1	AJ	C
	23	1908 1325	CLIP	ZD20025-2	1	AC	C
	24	1906 4150	RIVET	5X30	1	AA	X
	25	5580 1452	RING/CS	CSTW-5	1	AA	X
	26	1906 0684	SCREW	M3.5X8	4	AA	X
	27	1906 8968	SPRING	ZD08746	1	AG	C
	28	1907 6277	RUBBER/DAMPER	K2320	1	AC	X
	29	1907 0234	SCREW	M4X16	1	AA	X
	30	1907 0118	FOOT/RUBBER	ZD01013-A	4	AB	X
	31	1907 0234	SCREW	M4X16	4	AA	X
	32	1906 0691	SCREW	M3X5	6	AA	X
	33	1902 7112	GROMET	B-1	1	AB	X
	34	1908 3378	WIRE/FG	ZD31660	1	AL	X
N	35	9487 0800	LABEL	DL-2524	1	AB	X

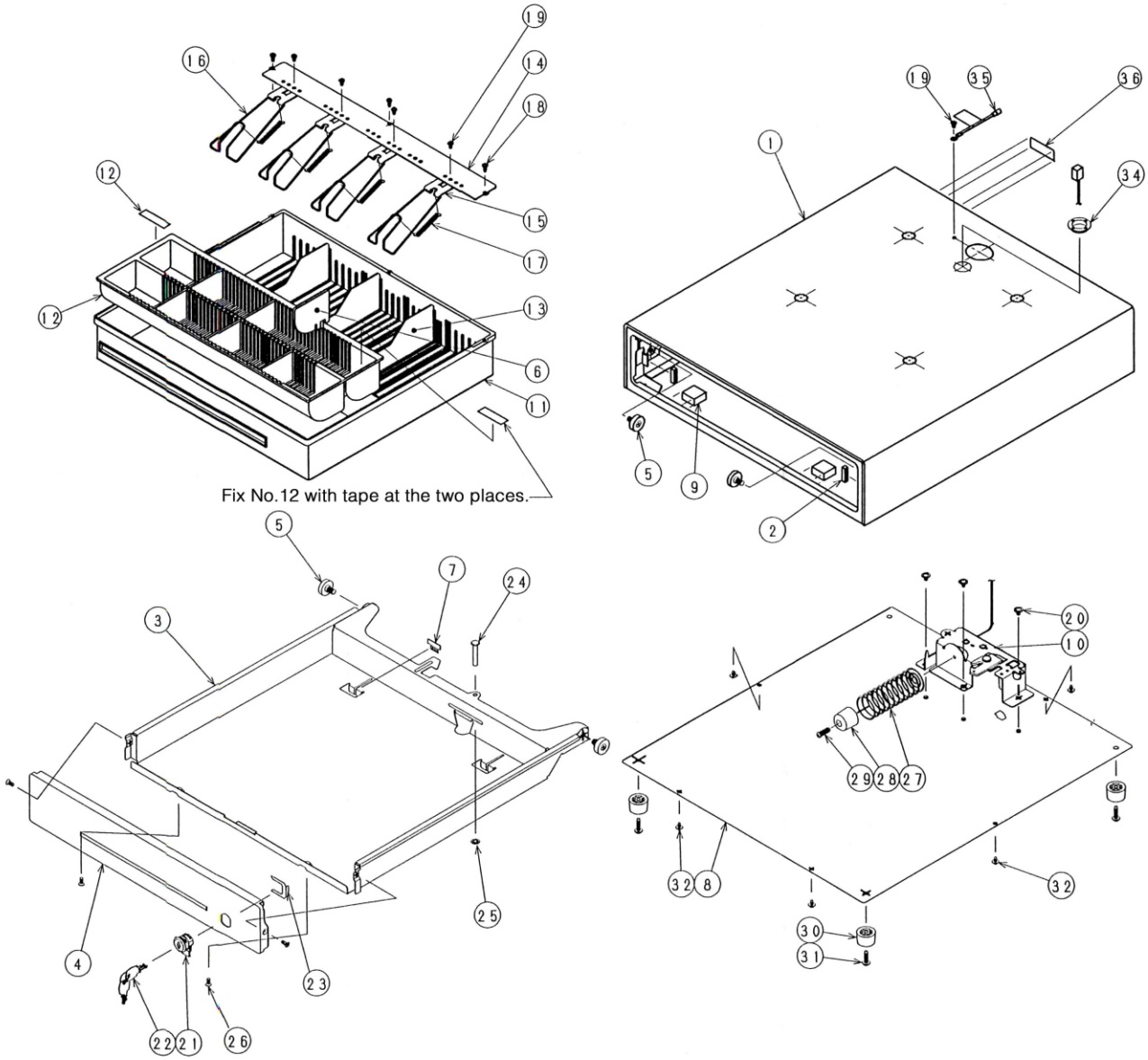
18. DRAWER (DL-2525)



DL-2525(M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price code	Rank
	1		CASE/MAIN	RJE500529-001	1	NOT SUPPLY	X
N		10120508	PLATE/BOTTOM	RJE500534-001	1	AE	X
N	2	10120509	CHASSIS/LEFT	RJE500532-001	1	AD	X
N	3	10120510	CHASSIS/RIGHT	RJE500533-001	1	AD	X
N	4	10120511	COVER/TOP	E240850-4	1	BZ	C
N	5	10120523	CHASSIS/BOTTOM	RJE500531-001	1	BH	X
N	6	10120528	LOCK SUB ASSY	RJE500538*001	1	AX	C
	7	62465010	SPRING/PRESS	E412069-1	1	AA	X
N		10120529	PLATE/SPRING ED20	RJE500536-001	1	AA	X
	8	10080393	SPRING/LOCK	RJE500007-001	1	AA	C
			SCREW	4X8 ZMC-3	3		X
N	9	10087972	SOLENOID SUB ASSY	RJE500128*003	1	BB	B
N		10080964	SWITCH/MICRO	VX-013-1A3	1	AZ	B
			SCREW	3X14 ZMC-3	2		X
			TIE/INSULICK	T-18S	1		X
	10	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
			NUT/HEX	6 ZMC-3	2		X
			WASHER	6X13X1.0 ZMC-3	2		X
	11	10080450	RUBBER/DUMPER	RJE500005-001	4	AB	X
			SCREW	4X5 ZMC-3	3		X
	12	10078903	DRAWER SUB ASSY	E341274*1	1	BJ	X
	13	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
	14	52000106	RIVET	5X30	1	AA	X
	15	62465030	SPRING/EARTH	E412092-1	1	AA	X
	16	10079060	LOCK/CYLINDER	CL-16	1	BA	C
N	17	10121046	PANEL/FRONT	RJE500530-001	1	BX	X
			SCREW	3X10 NI	2		X
		54400399	WASHER	6X13X1.0 ZMC-3	2	AA	X
	18	10078757	CASE/BILL	E140505-1	1	AT	C
N	19	10106267	CASE/COIN	RJE500284-1	1	AH	C
N	20	10110335	PLATE/COIN CASE PARTITION	RJE500285-1	5	AA	B
	21	10106268	PLATE/BILL CASE PARTITION	RJE500219-001	3	AA	B
	22	10079062	BILL HOLDER SUB ASSY	E341290*1	4	AE	B
	23	10079063	SPRING/BILL HOLDER	E441357-1	4	AA	C
	24	10079064	BRACKET/BILL HOLDER	E240845-1	1	AD	X
			SCREW	3X8 ZMC-3	3		X
			SCREW	3X5 NI	4		X
			SCREW	3X6 ZMC-3	15		X
N	25	10086054	FG CABLE SUB ASSY	RJE500104*001	1	AC	X
			SCREW	3X6 ZMC-3	3		X
			WASHER	4	1		X
			LABEL/DL-2525	E341256-34	1		X
N	26	10125287	CASE/RUBBER	RJE500667-001	4	AA	C
	27	62466529	RUBBER/PAD	E412136-1	4	AD	C
			SCREW	4X8 ZMC-3	4		X
N		10131033	PLATE/FIX	RJE500775-001	2	AB	X

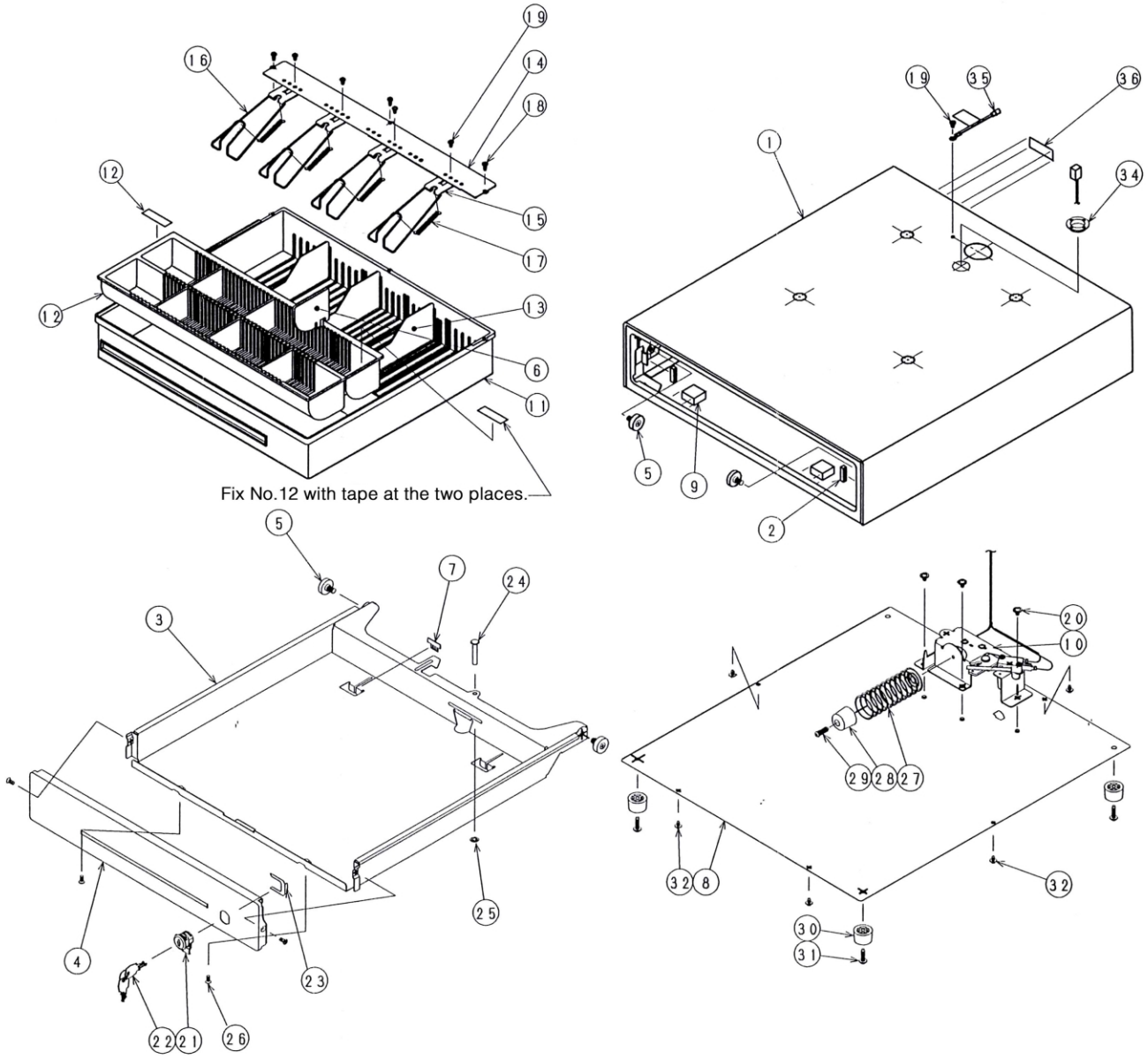
19. DRAWER (DL-2783)



DL-2783 (M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price	Rank
	1		CASE/MAIN	ZD65310	1	NOT SUPPLY	X
	2	1906 8961	STOPPER	ZD48117	2	AC	C
N	3	9487 0790	DRAWER SUB ASSY	ZD65320	1	BQ	X
N	4	9487 0791	FRONT PANEL	ZD65321	1	BI	X
	5	1902 6842	ROLLER/DERLIN	DR-19B	4	AH	B
N	6	9487 0792	PLATE/COIN PARTITION	ZD63953	6	AC	C
N	7	9487 0793	EARTH/BRUSH	ZD48124	1	AF	X
	8	1906 8964	PLATE/BOTTOM	ZD48130	1	BT	X
N	9	9487 0794	RUBBER/STOPPER	ZD48132	2	AC	X
	10	1908 1296	LOCK ASSY	ZD48140	1	BP	B
N		9487 0805	SOLENOID ASSY	ZD48141	1	CA	B
N		9487 0803	LOCK SUB ASSY	ZD48145	1	BE	C
N		9487 0804	SPRING/LOCK	ZD48142	1	AC	C
N	11	9487 0795	CASE/BILL	ZD63951	1	BR	X
N	12	9487 0796	CASE/COIN	ZD63952	1	BM	X
	13	1907 6265	PLATE/BILL PARTITION	ZV35442	3	AN	C
	14	1907 6264	BRACKET/BILL HOLDER	ZD08545-1	1	AK	X
	15	1907 0141	STOPPER/BILL HOLDER	ZV27040-1	4	AB	C
	16	1902 7084	HOLDER/BILL	ZD02041	4	AF	C
N	17	9487 0797	SPRING/BILL HOLDER	ZD52853	4	AC	C
	18	1902 6987	SCREW	M3X8	3	AA	X
	19	1902 7093	SCREW	M3X6	5	AA	X
	20	1902 7098	SCREW	M4X6	3	AA	X
	21	6221 4900	LOCK/CYLINDER	ZD20025	1	BD	C
	22	5500 0976	KEY/CYLINDER LOCK	ZD20025-1	1	AJ	C
	23	1908 1325	CLIP	ZD20025-2	1	AC	C
	24	1906 4150	RIVET	5X30	1	AA	X
	25	5580 1452	RING/CS	CSTW-5	1	AA	X
	26	1906 0684	SCREW	M3.5X8	4	AA	X
	27	1906 8968	SPRING	ZD08746	1	AG	C
	28	1907 6277	RUBBER/DAMPER	K2320	1	AC	X
	29	1907 0234	SCREW	M4X16	1	AA	X
	30	1907 0118	FOOT/RUBBER	ZD01013-A	4	AB	X
	31	1907 0234	SCREW	M4X16	4	AA	X
	32	1906 0691	SCREW	M3X5	6	AA	X
	33	1902 7112	GROMET	B-1	1	AB	X
	34	1908 3378	WIRE/FG	ZD31660	1	AL	X
N	35	9487 0799	LABEL	DL-2783	1	AB	X

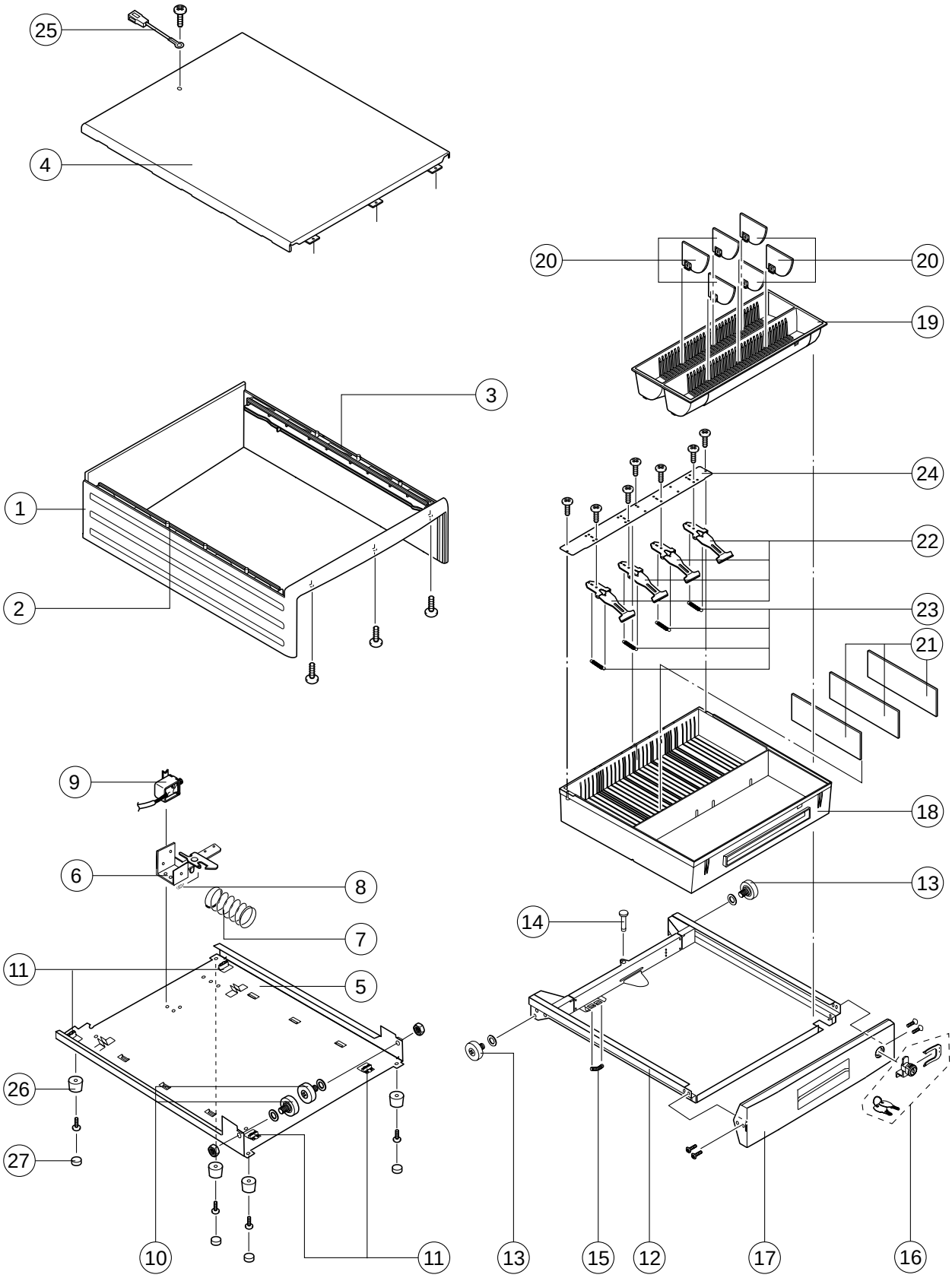
20. DRAWER (DL-2784)



DL-2784 (M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price	Rank
	1		CASE/MAIN	ZD65310	1	NOT SUPPLY	X
	2	1906 8961	STOPPER	ZD48117	2	AC	C
N	3	9487 0790	DRAWER SUB ASSY	ZD65320	1	BQ	X
N	4	9487 0791	FRONT PANEL	ZD65321	1	BI	X
	5	1902 6842	ROLLER/DERLIN	DR-19B	4	AH	B
N	6	9487 0792	PLATE/COIN PARTITION	ZD63953	6	AC	C
N	7	9487 0793	EARTH/BRUSH	ZD48124	1	AF	X
	8	1906 8964	PLATE/BOTTOM	ZD48130	1	BT	X
N	9	9487 0794	RUBBER/STOPPER	ZD48132	2	AC	X
	10	1906 4040	LOCK ASSY(WITH SWITCH)	ZD48160	1	BY	B
N		9487 0802	SOLENOID ASSY	ZD48161-A	1	CI	B
N		9487 0803	LOCK SUB ASSY	ZD48145	1	BE	C
N		9487 0804	SPRING/LOCK	ZD48142	1	AC	C
		3000 7231	MICRO SWITCH	V-103-1A5	1	BE	B
N	11	9487 0795	CASE/BILL	ZD63951	1	BR	X
N	12	9487 0796	CASE/COIN	ZD63952	1	BM	X
N	13	1907 6265	PLATE/BILL PARTITION	ZV35442	4	AN	C
	14	1907 6264	BRACKET/BILL HOLDER	ZD08545-1	1	AK	X
	15	1907 0141	STOPPER/BILL HOLDER	ZV27040-1	4	AB	C
	16	1902 7084	HOLDER/BILL	ZD02041	4	AF	C
N	17	9487 0797	SPRING/BILL HOLDER	ZD52853	4	AC	C
	18	1902 6987	SCREW	M3X8	3	AA	X
	19	1902 7093	SCREW	M3X6	5	AA	X
	20	1902 7098	SCREW	M4X6	3	AA	X
	21	6221 4900	LOCK/CYLINDER	ZD20025	1	BD	C
	22	5500 0976	KEY/CYLINDER LOCK	ZD20025-1	1	AJ	C
	23	1908 1325	CLIP	ZD20025-2	1	AC	C
	24	1906 4150	RIVET	5X30	1	AA	X
	25	5580 1452	RING/CS	CSTW-5	1	AA	X
	26	1906 0684	SCREW	M3.5X8	4	AA	X
	27	1906 8968	SPRING	ZD08746	1	AG	C
	28	1907 6277	RUBBER/DAMPER	K2320	1	AC	X
	29	1907 0234	SCREW	M4X16	1	AA	X
	30	1907 0118	FOOT/RUBBER	ZD01013-A	4	AB	X
	31	1907 0234	SCREW	M4X16	4	AA	X
	32	1906 0691	SCREW	M3X5	6	AA	X
	33	1902 7112	GROMET	B-1	1	AB	X
	34	1908 3378	WIRE/FG	ZD31660	1	AL	X
N	35	9487 0801	LABEL	DL-2784	1	AB	X

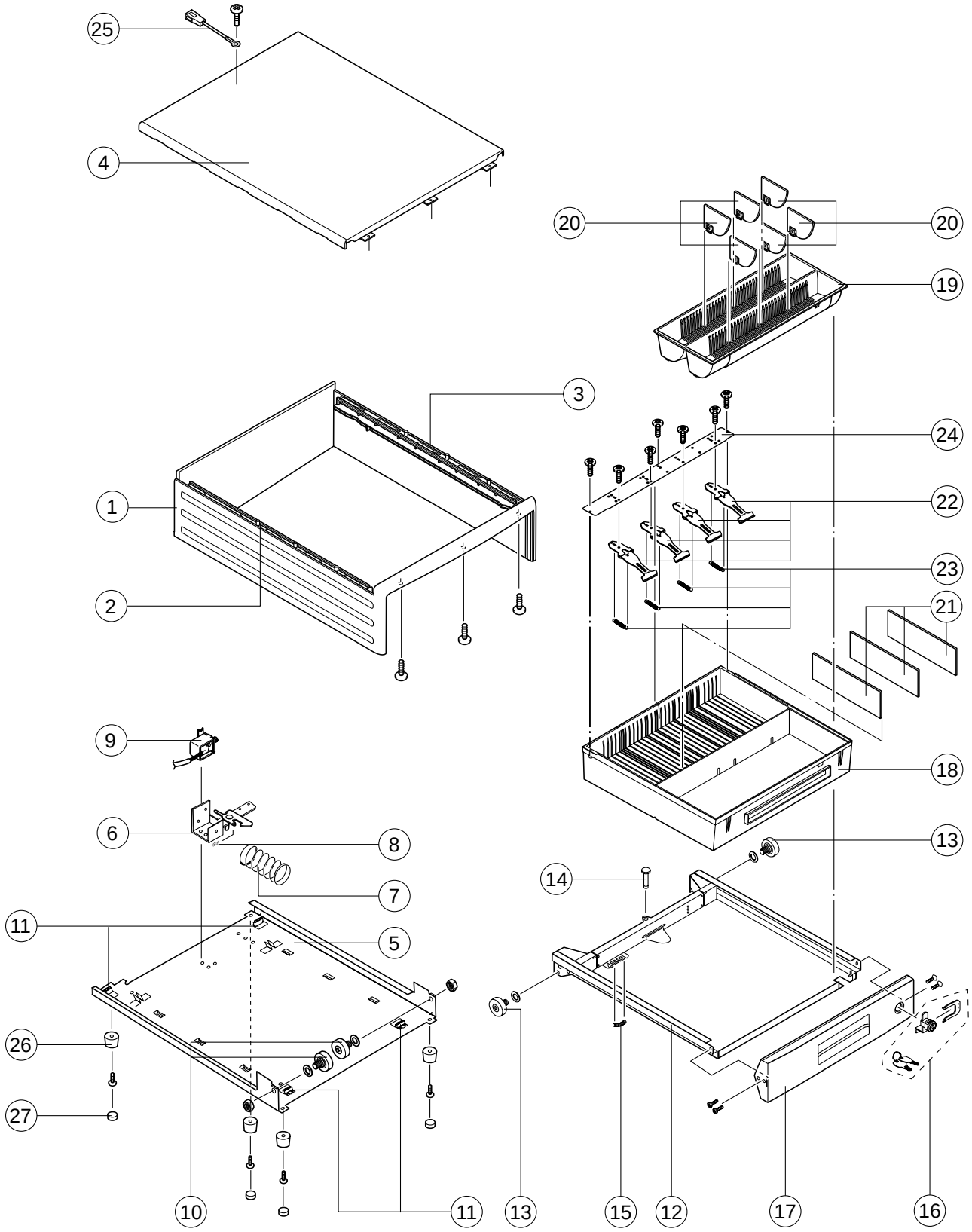
21. DRAWER (DL-2785)



DL-2785(M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price code	Rank
	1		CASE/MAIN	RJE500529-001	1	NOT SUPPLY	X
N		10120508	PLATE/BOTTOM	RJE500534-001	1	AE	X
N	2	10120509	CHASSIS/LEFT	RJE500532-001	1	AD	X
N	3	10120510	CHASSIS/RIGHT	RJE500533-001	1	AD	X
N	4	10120511	COVER/TOP	E240850-4	1	BZ	C
N	5	10120523	CHASSIS/BOTTOM	RJE500531-001	1	BH	X
N	6	10120528	LOCK SUB ASSY	RJE500538*001	1	AX	C
	7	62465010	SPRING/PRESS	E412069-1	1	AA	X
N		10120529	PLATE/SPRING ED20	RJE500536-001	1	AA	X
	8	10080393	SPRING/LOCK	RJE500007-001	1	AA	C
			SCREW	4X8 ZMC-3	3		X
N	9	10087974	SOLENOID SUB ASSY	RJE500128*005	1	BB	B
			TIE/INSULICK	T-18S	1		X
	10	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
			NUT/HEX	6 ZMC-3	2		X
			WASHER	6X13X1.0 ZMC-3	2		X
	11	10080450	RUBBER/DUMPER	RJE500005-001	4	AB	X
			SCREW	4X5 ZMC-3	3		X
	12	10078903	DRAWER SUB ASSY	E341274*1	1	BJ	X
	13	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
	14	52000106	RIVET	5X30	1	AA	X
	15	62465030	SPRING/EARTH	E412092-1	1	AA	X
	16	10079060	LOCK/CYLINDER	CL-16	1	BA	C
N	17	10121046	PANEL/FRONT	RJE500530-001	1	BX	X
			SCREW	3X10 NI	2		X
		54400399	WASHER	6X13X1.0 ZMC-3	2	AA	X
	18	10078757	CASE/BILL	E140505-1	1	AT	C
N	19	10110333	CASE/COIN	RJE500217-001	1	AI	C
N	20	10110332	PLATE/COIN CASE PARTITION	RJE500216-001	6	AC	B
	21	10106268	PLATE/BILL CASE PARTITION	RJE500219-001	3	AA	B
	22	10079062	BILL HOLDER SUB ASSY	E341290*1	4	AE	B
	23	10079063	SPRING/BILL HOLDER	E441357-1	4	AA	C
	24	10079064	BRACKET/BILL HOLDER	E240845-1	1	AD	X
			SCREW	3X8 ZMC-3	3		X
			SCREW	3X5 NI	4		X
			SCREW	3X6 ZMC-3	15		X
N	25	10086054	FG CABLE SUB ASSY	RJE500104*001	1	AC	X
			SCREW	3X6 ZMC-3	3		X
			WASHER	4	1		X
			LABEL/DL-2785	E341256-35	1		X
N	26	10125287	CASE/RUBBER	RJE500667-001	4	AA	C
	27	62466529	RUBBER/PAD	E412136-1	4	AD	C
			SCREW	4X8 ZMC-3	4		X
N		10131033	PLATE/FIX	RJE500775-001	2	AB	X

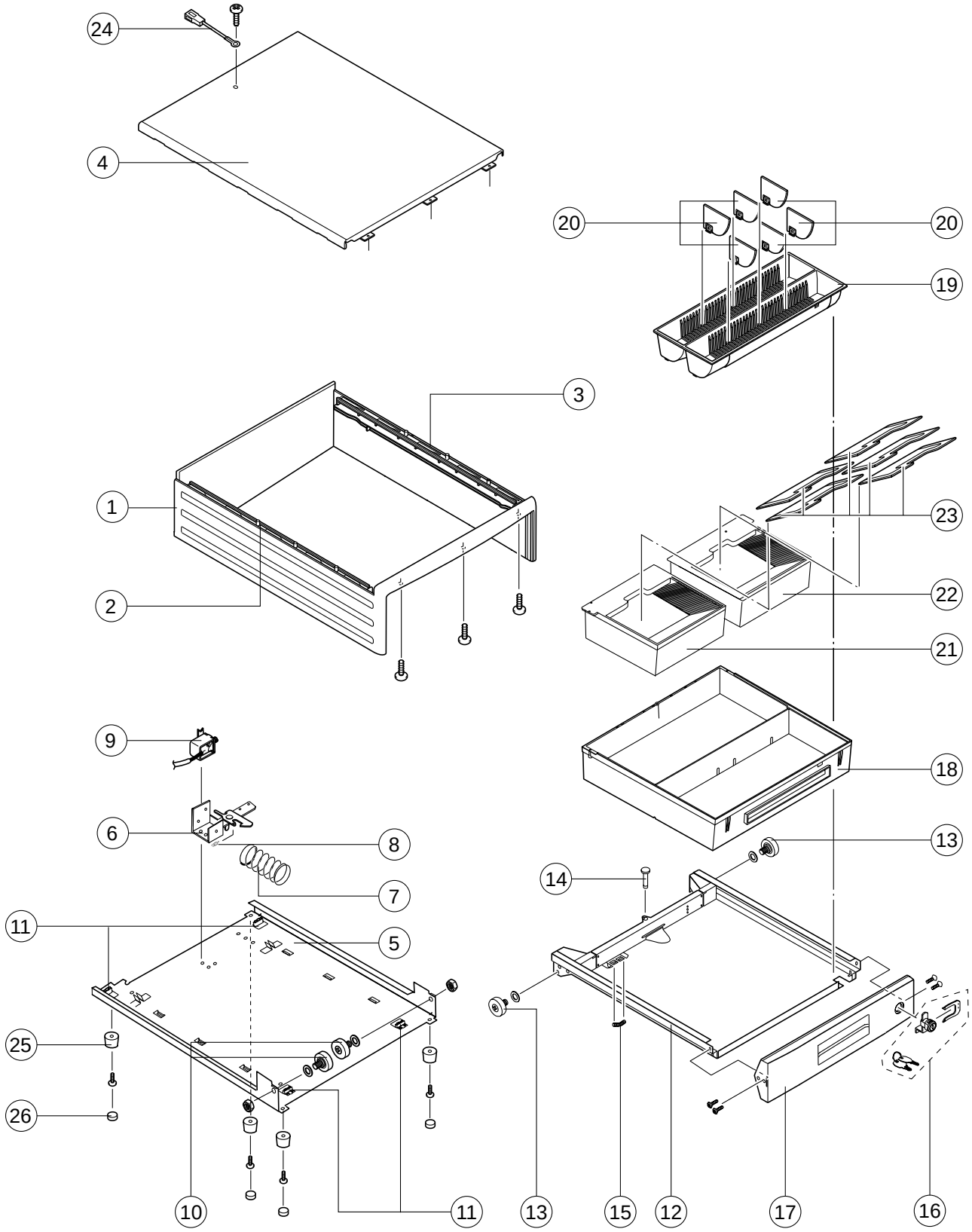
22. DRAWER (DL-2786)



DL-2786(M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price code	Rank
	1		CASE/MAIN	RJE500529-001	1	NOT SUPPLY	X
N		10120508	PLATE/BOTTOM	RJE500534-001	1	AE	X
N	2	10120509	CHASSIS/LEFT	RJE500532-001	1	AD	X
N	3	10120510	CHASSIS/RIGHT	RJE500533-001	1	AD	X
N	4	10120511	COVER/TOP	E240850-4	1	BZ	C
N	5	10120523	CHASSIS/BOTTOM	RJE500531-001	1	BH	X
N	6	10120528	LOCK SUB ASSY	RJE500538*001	1	AX	C
	7	62465010	SPRING/PRESS	E412069-1	1	AA	X
N		10120529	PLATE/SPRING ED20	RJE500536-001	1	AA	X
	8	10080393	SPRING/LOCK	RJE500007-001	1	AA	C
			SCREW	4X8 ZMC-3	3		X
N	9	10087972	SOLENOID SUB ASSY	RJE500128*003	1	BB	B
N		10080964	SWITCH/MICRO	VX-013-1A3	1	AZ	B
			SCREW	3X14 ZMC-3	2		X
			TIE/INSULICK	T-18S	1		X
	10	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
			NUT/HEX	6 ZMC-3	2		X
			WASHER	6X13X1.0 ZMC-3	2		X
	11	10080450	RUBBER/DUMPER	RJE500005-001	4	AB	X
			SCREW	4X5 ZMC-3	3		X
	12	10078903	DRAWER SUB ASSY	E341274*1	1	BJ	X
	13	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
	14	52000106	RIVET	5X30	1	AA	X
	15	62465030	SPRING/EARTH	E412092-1	1	AA	X
	16	10079060	LOCK/CYLINDER	CL-16	1	BA	C
N	17	10121046	PANEL/FRONT	RJE500530-001	1	BX	X
			SCREW	3X10 NI	2		X
		54400399	WASHER	6X13X1.0 ZMC-3	2	AA	X
	18	10078757	CASE/BILL	E140505-1	1	AT	C
N	19	10110333	CASE/COIN	RJE500217-001	1	AI	C
N	20	10110332	PLATE/COIN CASE PARTITION	RJE500216-001	6	AC	B
	21	10106268	PLATE/BILL CASE PARTITION	RJE500219-001	3	AA	B
	22	10079062	BILL HOLDER SUB ASSY	E341290*1	4	AE	B
	23	10079063	SPRING/BILL HOLDER	E441357-1	4	AA	C
	24	10079064	BRACKET/BILL HOLDER	E240845-1	1	AD	X
			SCREW	3X8 ZMC-3	3		X
			SCREW	3X5 NI	4		X
			SCREW	3X6 ZMC-3	15		X
N	25	10086054	FG CABLE SUB ASSY	RJE500104*001	1	AC	X
			SCREW	3X6 ZMC-3	3		X
			WASHER	4	1		X
			LABEL/DL-2786	E341256-36	1		X
N	26	10125287	CASE/RUBBER	RJE500667-001	4	AA	C
	27	62466529	RUBBER/PAD	E412136-1	4	AD	C
			SCREW	4X8 ZMC-3	4		X
N		10131033	PLATE/FIX	RJE500775-001	2	AB	X

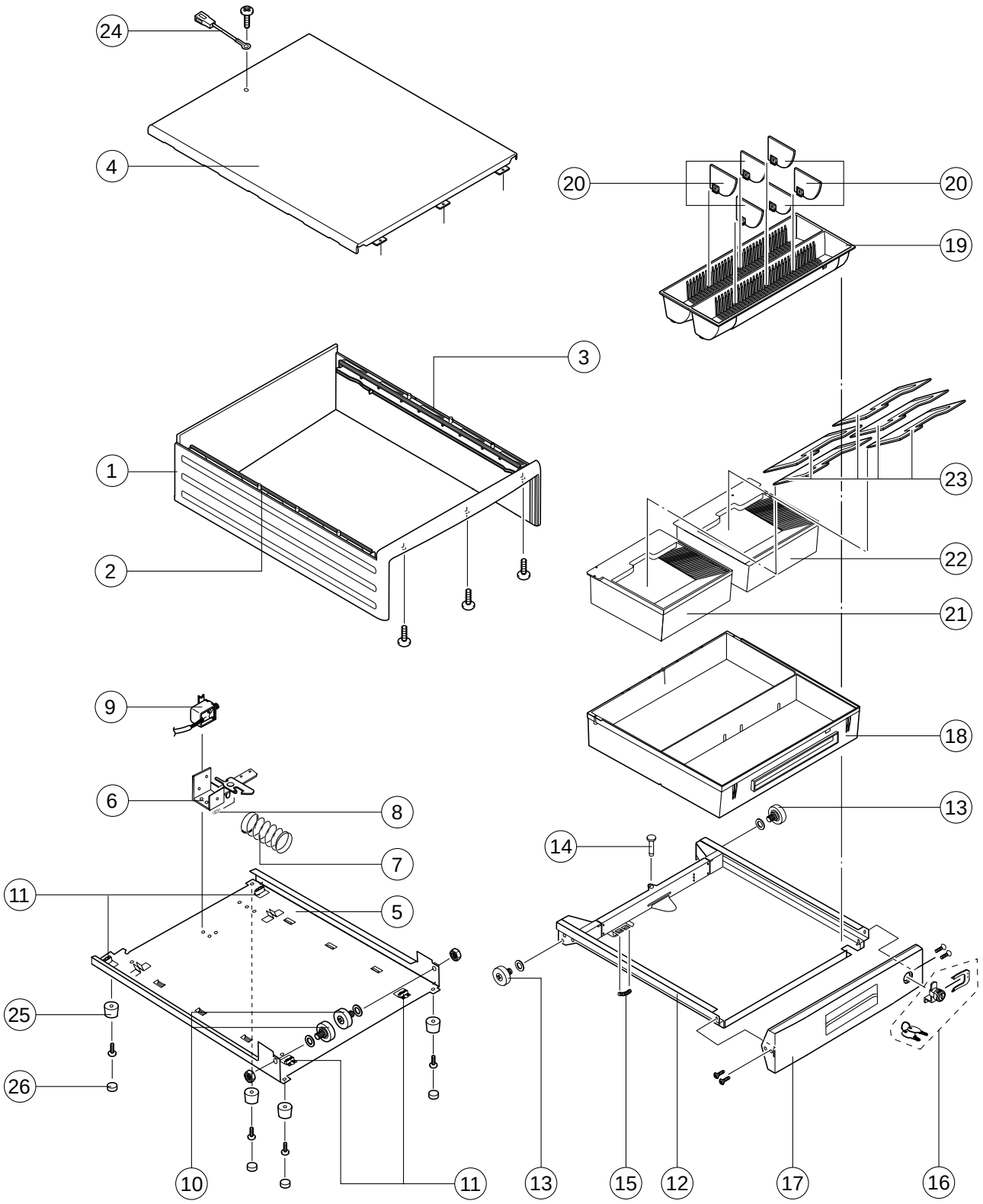
23. DRAWER (DL-2920)



DL-2920(M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price code	Rank
	1		CASE/MAIN	RJE500529-001	1	NOT SUPPLY	X
N		10120508	PLATE/BOTTOM	RJE500534-001	1	AE	X
N	2	10120509	CHASSIS/LEFT	RJE500532-001	1	AD	X
N	3	10120510	CHASSIS/RIGHT	RJE500533-001	1	AD	X
N	4	10120511	COVER/TOP	E240850-4	1	BZ	C
N	5	10120523	CHASSIS/BOTTOM	RJE500531-001	1	BH	X
N	6	10120528	LOCK SUB ASSY	RJE500538*001	1	AX	C
	7	62465010	SPRING/PRESS	E412069-1	1	AA	X
N		10120529	PLATE/SPRING ED20	RJE500536-001	1	AA	X
	8	10080393	SPRING/LOCK	RJE500007-001	1	AA	C
			SCREW	4X8 ZMC-3	3		X
N	9	10087974	SOLENOID SUB ASSY	RJE500128*005	1	BB	B
			TIE/INSULICK	T-18S	1		X
	10	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
			NUT/HEX	6 ZMC-3	2		X
			WASHER	6X13X1.0 ZMC-3	2		X
	11	10080450	RUBBER/DUMPER	RJE500005-001	4	AB	X
			SCREW	4X5 ZMC-3	3		X
	12	10078903	DRAWER SUB ASSY	E341274*1	1	BJ	X
	13	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
	14	52000106	RIVET	5X30	1	AA	X
	15	62465030	SPRING/EARTH	E412092-1	1	AA	X
	16	10079060	LOCK/CYLINDER	CL-16	1	BA	C
N	17	10121046	PANEL/FRONT	RJE500530-001	1	BX	X
			SCREW	3X10 NI	2		X
		54400399	WASHER	6X13X1.0 ZMC-3	2	AA	X
	18	10078757	CASE/BILL	E140505-1	1	AT	C
N	19	10110333	CASE/COIN	RJE500217-001	1	AI	C
N	20	10110332	PLATE/COIN CASE PARTITION	RJE500216-001	6	AC	B
	21	10080660	TRAY/BILL LED18	RJE500012-001	1	AJ	C
	22	10080662	TRAY/BILL RED18	RJE500012-002	1	AJ	C
	23	10080663	PLATE/BILL CASE PARTITION	RJE500013-001	5	AB	C
			SCREW	3X8 ZMC-3	3		X
			SCREW	3X6 ZMC-3	15		X
N	24	10086054	FG CABLE SUB ASSY	RJE500104*001	1	AC	X
			SCREW	3X6 ZMC-3	3		X
			WASHER	4	1		X
			LABEL/DL-2920	E341256-37	1		X
N	25	10125287	CASE/RUBBER	RJE500667-001	4	AA	C
	26	62466529	RUBBER/PAD	E412136-1	4	AD	C
			SCREW	4X8 ZMC-3	4		X
N		10131033	PLATE/FIX	RJE500775-001	2	AB	X

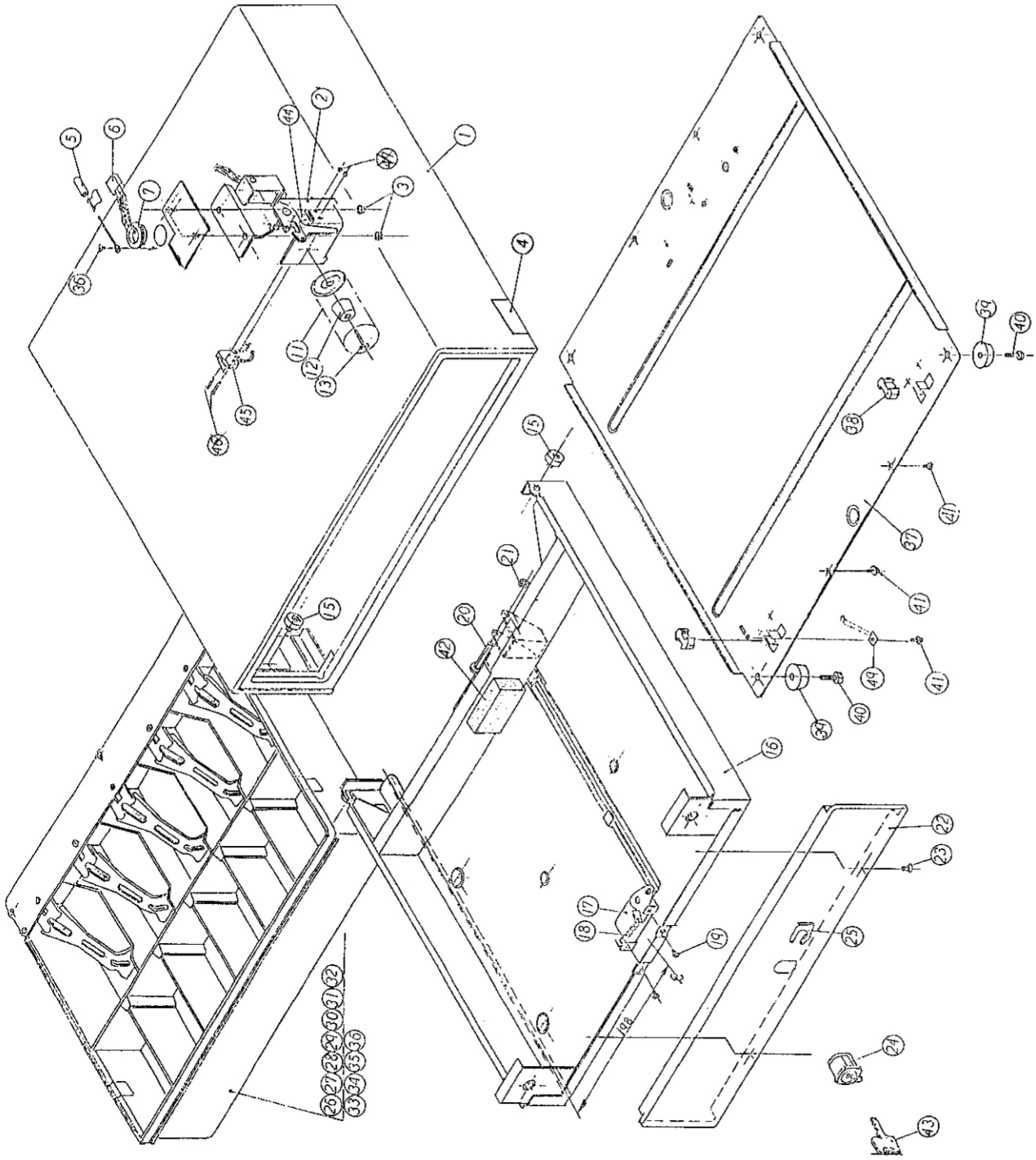
24. DRAWER (DL-2921)



DL-2921(M type)

N	Item	Code No.	Parts Name	Specification	Qt'y	Price code	Rank
	1		CASE/MAIN	RJE500529-001	1	NOT SUPPLY	X
N		10120508	PLATE/BOTTOM	RJE500534-001	1	AE	X
N	2	10120509	CHASSIS/LEFT	RJE500532-001	1	AD	X
N	3	10120510	CHASSIS/RIGHT	RJE500533-001	1	AD	X
N	4	10120511	COVER/TOP	E240850-4	1	BZ	C
N	5	10120523	CHASSIS/BOTTOM	RJE500531-001	1	BH	X
N	6	10120528	LOCK SUB ASSY	RJE500538*001	1	AX	C
	7	62465010	SPRING/PRESS	E412069-1	1	AA	X
N		10120529	PLATE/SPRING ED20	RJE500536-001	1	AA	X
	8	10080393	SPRING/LOCK	RJE500007-001	1	AA	C
			SCREW	4X8 ZMC-3	3		X
N	9	10087972	SOLENOID SUB ASSY	RJE500128*003	1	BB	B
N		10080964	SWITCH/MICRO	VX-013-1A3	1	AZ	B
			SCREW	3X14 ZMC-3	2		X
			TIE/INSULICK	T-18S	1		X
	10	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
			NUT/HEX	6 ZMC-3	2		X
			WASHER	6X13X1.0 ZMC-3	2		X
	11	10080450	RUBBER/DUMPER	RJE500005-001	4	AB	X
			SCREW	4X5 ZMC-3	3		X
	12	10078903	DRAWER SUB ASSY	E341274*1	1	BJ	X
	13	55000619	ROLLER/DELRIN	DR-19B1	2	AG	B
	14	52000106	RIVET	5X30	1	AA	X
	15	62465030	SPRING/EARTH	E412092-1	1	AA	X
	16	10079060	LOCK/CYLINDER	CL-16	1	BA	C
N	17	10121046	PANEL/FRONT	RJE500530-001	1	BX	X
			SCREW	3X10 NI	2		X
		54400399	WASHER	6X13X1.0 ZMC-3	2	AA	X
	18	10078757	CASE/BILL	E140505-1	1	AT	C
N	19	10110333	CASE/COIN	RJE500217-001	1	AI	C
N	20	10110332	PLATE/COIN CASE PARTITION	RJE500216-001	6	AC	B
	21	10080660	TRAY/BILL LED18	RJE500012-001	1	AJ	C
	22	10080662	TRAY/BILL RED18	RJE500012-002	1	AJ	C
	23	10080663	PLATE/BILL CASE PARTITION	RJE500013-001	5	AB	C
			SCREW	3X8 ZMC-3	3		X
			SCREW	3X6 ZMC-3	15		X
N	24	10086054	FG CABLE SUB ASSY	RJE500104*001	1	AC	X
			SCREW	3X6 ZMC-3	3		X
			WASHER	4	1		X
			LABEL/DL-2921	E341256-38	1		X
N	25	10125287	CASE/RUBBER	RJE500667-001	4	AA	C
	26	62466529	RUBBER/PAD	E412136-1	4	AD	C
			SCREW	4X8 ZMC-3	4		X
N		10131033	PLATE/FIX	RJE500775-001	2	AB	X

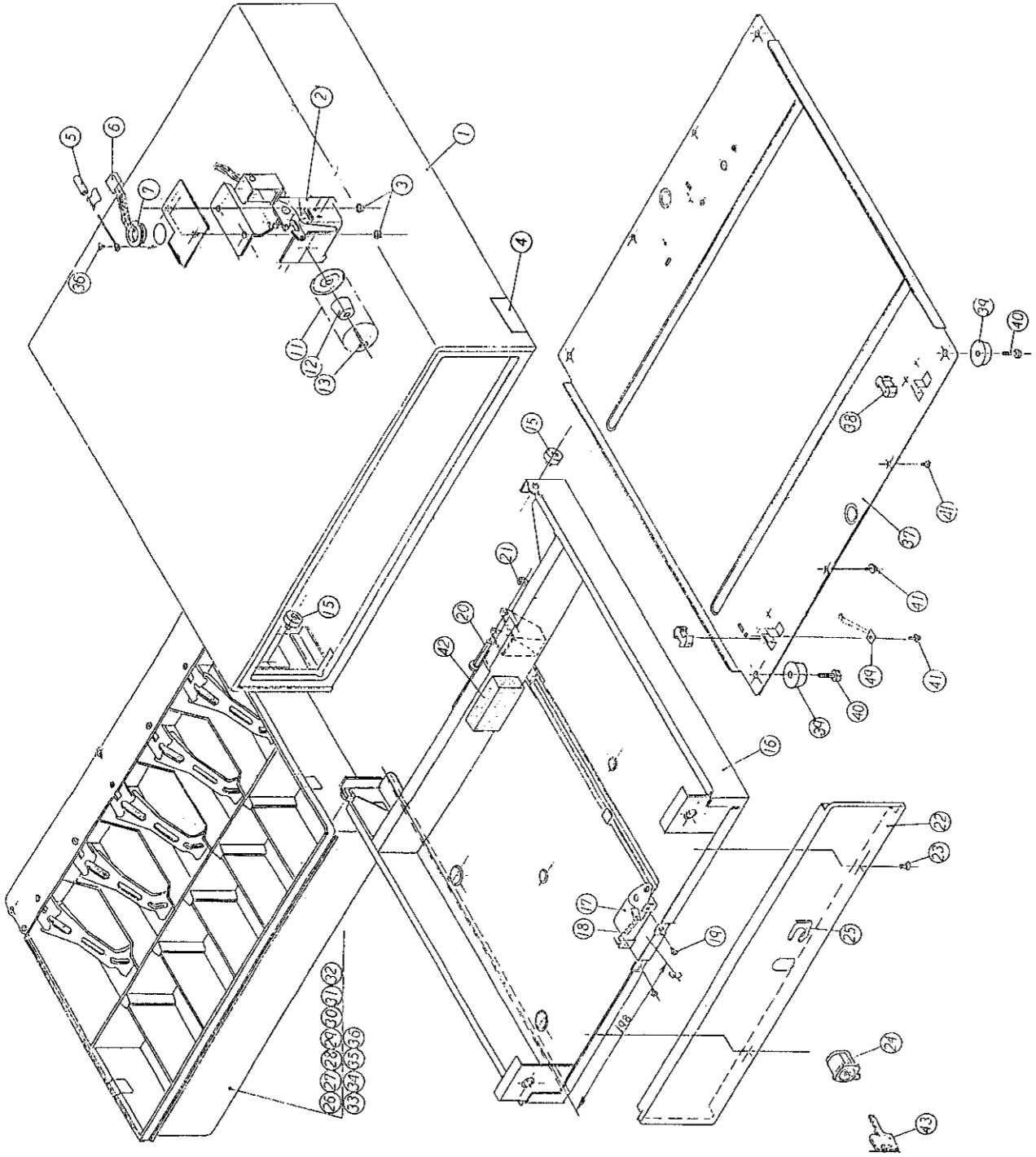
25. DRAWER (DL-3616)



DL-3616 (L type)

N	Item	Code No.	Parts name	Specification	Q'ty	Price Code	RANK
	2	1907 7272	LOCK ASSY	ZD00290-0	1	BZ	B
	3	1906 0672	NUT	M4XP0.7	2	AA	X
N	4	9487 0383	LABEL	DL-3616	1	AL	X
N	5	1907 9613	WIRE/FG	ZD31670	1	AI	X
	6	1907 0223	CONNECTOR	1625-03PI	1	AL	X
	7	1902 7112	GROMET	B-1	1	AB	X
	11	1902 7076	SPRING	ZD01370B	1	AC	C
	12	1902 6829	RUBBER/DAMPER	K2320	1	AC	X
	13	1907 0234	SCREW/TAPPING	M4X16	1	AA	X
	15	1902 6842	ROLLER/DERLIN	DR-19B	4	AH	B
	16	1906 0679	DRAWER SUB ASSY	ZD58120	1	CF	X
	17	1902 6992	LEVER/OPEN	ZD00250	1	AN	X
	18	1907 7930	SPRING/OPEN LEVER	ZD00254	1	AB	C
	19	1906 0680	SCREW/TAPPING	M3X4	2	AA	X
	20	1906 4150	RIVET	▯ 5X30	1	AA	X
	21	5580 1452	RING/CS	CSTW-5	1	AA	X
	22	1906 0683	PANEL/FRONT	ZD56721	1	BH	X
	23	1906 0684	SCREW/TAPPING	M3.5X8	2	AA	X
	24	1902 7027	KEY/CYLINDER	ZD00226	1	BB	C
	25	1907 7928	CLIP	ZD00226-2	1	AJ	X
	26	1906 0685	CASE/BILL	ZD04851	1	BO	C
	27	1907 7926	CASE/COIN	ZD04843PS	1	BN	C
	28	1907 7925	PLATE/BILL PARTITION	ZD04842	4	AH	C
	29	1907 7924	PLATE/COIN PARTITION	ZD04844	5	AD	C
	30	1907 7923	HOLDER/PARTITION PLATE	ZD04845	5	AC	X
	31	1902 6991	PLATE/BILL HOLDER FIXING	ZD00245	1	AK	X
	32	9487 0385	STOPPER/BILL HOLDER	ZV27041-1	5	AE	X
	33	6221 4902	HOLDER/BILL	ZD18931	5	AC	B
	34	6221 4904	SPRING/BILL HOLDER	ZD18932	5	AB	B
	35	1902 6987	SCREW/TAPPING	M3X8	5	AA	X
	36	1902 7093	SCREW/TAPPING	M3X6	6	AA	X
	37	1907 7922	PLATE/BOTTOM	ZD18031	1	CB	X
	38	1906 0689	RUBBER/DAMPER	ZD02032	2	AE	X
	39	1902 7046	FOOT/RUBBER	K3215	4	AJ	X
	40	1907 0234	SCREW/TAPPING	M4X16	4	AA	X
	41	1906 0691	SCREW/TAPPING	M3X5	5	AA	X
	42	1907 7920	CUSHION	ZD05422	1	AE	X
	43	1902 6214	KEY	ZD00226-1	1	AU	C
	44	1907 7943	LEVER/SWITCH	ZD00283	1	AL	C
	45	1907 7942	SWITCH/MICRO	SS-01GL-ET	1	BF	B
	49	1907 9615	EARTH/SPRING	ZD02162C	1	AE	C

26. DRAWER (DL-3617)



DL-3617 (L type)

N	Item	Code No.	Parts name	Specification	Q'ty	Price Code	RANK
	2	1907 7935	LOCK ASSY	ZD00280-0	1	BT	B
	3	1906 0672	NUT	M4XP0.7	2	AA	X
N	4	9487 0384	LABEL	DL-3617	1	AL	X
N	5	1907 9613	WIRE/FG	ZD31670	1	AI	X
	6	1907 0223	CONNECTOR	1625-03PI	1	AL	X
	7	1902 7112	GROMET	B-1	1	AB	X
	11	1902 7076	SPRING	ZD01370B	1	AC	C
	12	1902 6829	RUBBER/DAMPER	K2320	1	AC	X
	13	1907 0234	SCREW/TAPPING	M4X16	1	AA	X
	15	1902 6842	ROLLER/DERLIN	DR-19B	4	AH	B
	16	1906 0679	DRAWER SUB ASSY	ZD58120	1	CF	X
	17	1902 6992	LEVER/OPEN	ZD00250	1	AN	X
	18	1907 7930	SPRING/OPEN LEVER	ZD00254	1	AB	C
	19	1906 0680	SCREW/TAPPING	M3X4	2	AA	X
	20	1906 4150	RIVET	□ ｳ5X30	1	AA	X
	21	5580 1452	RING/CS	CSTW-5	1	AA	X
	22	1906 0683	PANEL/FRONT	ZD56721	1	BH	X
	23	1906 0684	SCREW/TAPPING	M3.5X8	2	AA	X
	24	1902 7027	KEY/CYLINDER	ZD00226	1	BB	C
	25	1907 7928	CLIP	ZD00226-2	1	AJ	X
	26	1906 0685	CASE/BILL	ZD04851	1	BO	C
	27	1907 7926	CASE/COIN	ZD04843PS	1	BN	C
	28	1907 7925	PLATE/BILL PARTITION	ZD04842	4	AH	C
	29	1907 7924	PLATE/COIN PARTITION	ZD04844	5	AD	C
	30	1907 7923	HOLDER/PARTITION PLATE	ZD04845	5	AC	X
	31	1902 6991	PLATE/BILL HOLDER FIXING	ZD00245	1	AK	X
	32	9487 0385	STOPPER/BILL HOLDER	ZV27041-1	5	AE	X
	33	6221 4902	HOLDER/BILL	ZD18931	5	AC	B
	34	6221 4904	SPRING/BILL HOLDER	ZD18932	5	AB	B
	35	1902 6987	SCREW/TAPPING	M3X8	5	AA	X
	36	1902 7093	SCREW/TAPPING	M3X6	6	AA	X
	37	1907 7922	PLATE/BOTTOM	ZD18031	1	CB	X
	38	1906 0689	RUBBER/DAMPER	ZD02032	2	AE	X
	39	1902 7046	FOOT/RUBBER	K3215	4	AJ	X
	40	1907 0234	SCREW/TAPPING	M4X16	4	AA	X
	41	1906 0691	SCREW/TAPPING	M3X5	5	AA	X
	42	1907 7920	CUSHION	ZD05422	1	AE	X
	43	1902 6214	KEY	ZD00226-1	1	AU	C
	49	1907 9615	EARTH/SPRING	ZD02162C	1	AE	C

Ver.1 : Replacement of 14.PARTS LIST
(P97-104, P109-116, P121-128, P130, P132, P134, P136, P138, P140, P142, P144, P146, P148, P150, P152)

Ver.2 : Feb. 2006
Replacement of 14.PARTS LIST
(P132, P136, P142, P144, P146, P148)

Ver.3 : Aug. 2009
• Correction of the PARTS LIST (P94, 103, 106, 114, 118 and 126)

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